
From: Staton, Jennifer A
Sent: Monday, April 30, 2018 3:59 PM
To: 'amad@clarybusinessmachines.com'
Subject: FW: RFP 18-018 Interactive White Board Systems
Attachments: Beaufort RFP I18-018 I Howard TS I 2.23.18 I FINAL em_Redacted.pdf; HTS_838330.00 (1).pdf; HTS_838661.00.pdf; HTS_838664.00.pdf; HTS_838670.00.pdf; HTS_839080.00.pdf

Mr. Kiani-

Please see the attached. The Beaufort County School District has exempted from release information in the offerors proposal pertaining to corporate finances, staff and references per S.C. Code Ann.30-4-40 (5)(c).

Jennifer Staton, MS, CSP
Risk Manager
Beaufort County School District
843-322-2355 (w) | 843-812-6405 (m)

From: Amad Kiani [<mailto:amad@clarybusinessmachines.com>]
Sent: Wednesday, April 25, 2018 8:47 PM
To: Staton, Jennifer A <Jennifer.Staton@beaufort.k12.sc.us>
Cc: Samir Ali <samir@clarybusinessmachines.com>
Subject: RFP 18-018 Interactive White Board Systems

Good Afternoon,

I hope you are doing great.

I am writing this email in reference to the RFP mentioned in the subject. We want to submit a Freedom of Information Act (FOIA) Request to get the copy of winning proposal for the RFP mentioned above.

Kindly let me know if I have to fill out any documentation.

Thank You

--
Amad Kiani
Sales Engineer
Clary Business Machines,
8170 Miramar Road
San Diego, CA 92126
(858) 429-9171



Solicitation No. 18C-018

Interactive Whiteboard Systems

February 23, 2018

HOWARDTM
TECHNOLOGY SOLUTIONS

with



and



WorldWide Data

Beaufort County School District
Interactive Whiteboard Systems | RFP No. 18-018
Attn: Procurement Office
2900 Mink Point Blvd.
Beaufort, SC 29902

February 23, 2018

Beaufort CSD Evaluation Committee,

Thank you for the opportunity to respond to RFP No. 18C-018. We understand that while educational tools provide a foundation for giving every student the best possible education, real transformation takes place when the tools are utilized effectively as a seamless part of the learning process. In order to support Beaufort CSD's commitment to provide each student a highly effective education, we are offering a best-of-breed turnkey solution that includes installation and configuration of integrated hardware and software tools, training, and warranty support designed to improve instruction and student achievement, both now and in the future.

Best-of-Breed Turnkey Solution | Howard Technology Solutions is partnering with Boxlight, and World Wide Data Systems, to provide Beaufort County School District a best-of-breed turnkey solution that includes interactive technology, professional development, installation, and award winning support.

Experienced with Large Implementations | Over the past 30 years our team has helped hundreds of districts successfully implement interactive technology in over 750,000 classrooms. Our technology partner, Boxlight Mimio, is an award winning industry innovator, who has impacted the lives of millions of students since their founding in 1985. Our installation and services partner, World Wide Data Systems (WWDS) has successfully installed and supported thousands of classrooms at numerous districts including: Miami Dade, Atlanta Public Schools and Dekalb County. Our secret to success? Hiring highly qualified staff that help districts implement turnkey solutions that are easy, effective and fully integrated.

10 Reasons | Why Howard, Boxlight Mimio and WWDS are the best partners for Beaufort County Schools...

- 1. Integrated |** One Software Supports Entire Hardware Suite & Works Seamlessly with Existing Content
- 2. Superior Products That Support Instruction |** Award Winning Solutions That Accelerate Learning
- 3. Protects \$40M+ Investment in ActivInspire Content |** Enhance Instead of Recreating
- 4. Easy |** Easy to Learn | Easy to Use | Consistent Interface | Leverages Existing Content & Knowledge
- 5. Effective |** Engages All Students With Real Time Collaboration, Assessment & Simultaneous Display
- 6. Works with Google |** Google Drive | Google Docs | Google Sheets | Google Slides | Google Keep....
- 7. Extensive Experience with Large Implementations |** Including Miami Dade and Atlanta Public Schools
- 8. Award Winning Support |** Boxlight Tech Support is Available 24 x 7 x 365
- 9. Proven Track Record |** 30+ Years and Going Strong!
- 10. Foundation for the Future |** Experienced, Low Risk Partner Who Will Be With You Long Term

We welcome the opportunity to become a trusted long-term technology partner with Beaufort County School District. The following pages outline why partnering with us in your best interest, both now and in the future.

Sincerely,

Darlene Parker

Darlene Parker
Bid Specialist
Howard Technology Solutions
36 Howard Drive, Ellisville, MS 39441
darleneparker@howard.com
601.339.5044 | Phone
601.399.5077 | Fax



Easy. Effective. Integrated.



Beaufort County School District

Solicitation Number: 18-018
Date Printed: February 7, 2018
Date Issued: February 7, 2018
Procurement Officer: Sandi Amsler, CPPB
Phone: 843-322-2349
Email: Sandi.Amsler@beaufort.k12.sc.us

Request for Proposals (RFP)

DESCRIPTION: Interactive White Board Systems
SUBMIT OFFER BY (Opening Date & Time): February 23, 2018; 11:00 AM EDST
QUESTIONS MUST BE RECEIVED BY: February 16, 2018
NUMBER OF COPIES TO BE SUBMITTED: Seven (7) Original Signed Copies and One (1) Redacted Version on CD

Offers must be submitted in a sealed package. Solicitation Number & Opening Date must appear on package exterior.

SUBMIT YOUR SEALED OFFER TO EITHER OF THE FOLLOWING ADDRESSES:

MAILING ADDRESS:
Beaufort County School District
Procurement Office
P.O. Drawer 309
Beaufort, SC 29901-0309

PHYSICAL ADDRESS:
Beaufort County School District
Procurement Office
2900 Mink Point Blvd
Beaufort, SC 29902

AWARDS & AMENDMENTS:

Award will be posted at the Physical Address stated above on or after March 15, 2018. The award, this solicitation, and any amendments will be posted at the following web address: <http://beaufortschools.net>.

You must submit a signed copy of this form with Your Offer. By submitting a proposal or bid, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of ninety (90) calendar days after the Opening Date.

NAME OF OFFEROR: Howard Technology Solutions, a division of Howard Industries, Inc (Full legal name of business submitting the offer) ENTITY TYPE: Corporation

Darlene Parker

AUTHORIZED SIGNATURE (Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above)

Darlene Parker
PRINTED NAME

Bid Specialist
TITLE

Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the Offeror above. An offer may be submitted by only one legal entity. The entity named as the Offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, i.e., a separate corporation, partnership, sole proprietorship, etc.

PAGE TWO
(Return Page Two with Your Offer)

HOME OFFICE ADDRESS (Address for Offeror's home office/ Principal place of business): Howard Technology Solutions 36 Howard Drive Ellisville, MS 39437	NOTICE ADDRESS (Address to which all procurement and contract related notices should be sent): Howard Technology Solutions P O Box 1590 Laurel, MS 39411
PHONE NUMBER: 888.912.3151	
EMAIL ADDRESS: bids@howardcomputers.com	

PAYMENT ADDRESS (Address to which payments will be sent): <input type="checkbox"/> Payment Address Same as Home Office Address <input checked="" type="checkbox"/> Payment Address Same as Home Notice Address (check one only)	ORDER ADDRESS (Address to which all purchase orders will be sent): <input type="checkbox"/> Payment Address Same as Home Office Address <input checked="" type="checkbox"/> Payment Address Same as Notice Address (check one only)
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ACKNOWLEDGEMENT OF AMENDMENTS:	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: left;"><u>Amendment Number</u></td> <td style="text-align: left;"><u>Amendment Issue Date</u></td> </tr> <tr> <td>Addendum 1</td> <td>February 14, 2018</td> </tr> <tr> <td>Addendum 2</td> <td>February 15, 2018</td> </tr> <tr> <td>Addendum 3</td> <td>February 20, 2018</td> </tr> </table>	<u>Amendment Number</u>	<u>Amendment Issue Date</u>	Addendum 1	February 14, 2018	Addendum 2	February 15, 2018	Addendum 3	February 20, 2018	Offeror acknowledges receipt of amendments by indicating amendment number and its date of issue.
<u>Amendment Number</u>	<u>Amendment Issue Date</u>									
Addendum 1	February 14, 2018									
Addendum 2	February 15, 2018									
Addendum 3	February 20, 2018									

MINORITY PARTICIPATION- Are you a Minority Business Enterprise: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, please include a copy of your certification.
--



Table of Contents

Topic	Tab Page #'s
Interactive White Board Systems.....	RFP 18-018
Cover Letter	Side Pocket of Binder
Signed Cover Page.....	3
Completed Page 2.....	4
Table of Contents.....	5
Executive Summary 4.0.1.2	Tab 1
Historical Info	9
Partnership with Manufacturer	11
Financial Info.....	11
Bidder Experience & Capabilities 4.0.1.3.....	Tab 2
Firm Experience	13
Summary of Similar Projects.....	13
5 References of Similar Projects	14
Project Manager & Project Personnel 4.0.1.4	Tab 3
Team Talent	17
Project Manager	17
Project Team Short Bios.....	18
Resumes.....	22
Staff Certifications.....	43
Terms & Conditions 4.0.1.5.....	Tab 4
Terms & Conditions	50
5 Year Warranty.....	50
Sample Invoice 4.0.1.6.....	Tab 5
Sample Invoice	84

Table of Contents | P2

Topic	Tab Page #'s
Technical Info & Cut Sheets 4.0.1.7	Tab 6
Interactive Flat Panel	86
Android	89
Mounts & Carts	90
MimioStudio Software Overview.....	72
Effortless 5,000 Free Lessons.....	78
Educational Outcomes	79
Effective	81
Economical	83
Works with Google	84
Flipped Classroom.....	85
Differentiated Instruction	85
Differentiated Instruction Examples.....	86
Student Devices	88
Innovative Instructional Environment	89
Panel Spec Sheets	90
Internal PC Spec Sheet.....	117
Wall Mount Spec Sheets.....	121
Mobile Cart Spec Sheets	125
Sound Bar Spec Sheet	131
MimioStudio Spec Sheet.....	133
MimioMobile Spec Sheet.....	135
MimioMobile Team Spec Sheet.....	137
Boxlight Unplug'd Wireless Streaming	139
Boxlight Training Info Sheet.....	142
Certification & Testing Procedures 4.0.1.8	Tab 7
Vendor Testing Procedures District Level.....	145
Vendor Testing Procedures Classroom Level.....	152
Financial Stability 4.0.1.9	Tab 8
3 Years Audited Financials	155
Bid Bond	156
Solicitor's Letter	158
Purchasing Card Acknowledgement 4.0.1.10	Tab 9
Acknowledgement of Purchasing Card.....	202
Required Licenses 4.0.1.11	Tab 10
Required Licenses	204

Table of Contents | P3

Topic	Tab Page #'s
Service Exceptions 4.0.1.12.....	Tab 11
Service Exceptions	207
Scope of Work 3.0.....	Tab 12
General Vendor Responsibilities 3.3.....	209
Flat Panel Minimum Requirements 3.6.2	210
Explanation of Solution 3.11.2	212
10 Reasons Why Howard	213
Reason #1 Integrated Solutions	213
Reason #2 Superior Products That Support Instruction	215
Reason #3 Protects \$40+ Million Investment in ActivInspire Content	216
Reason #4 Easy	217
Reason #5 Effective	218
Reason #6 Works with Google	220
Reason #7 Extensive Experience with Large Implementations.....	221
Reason #8 Award Winning 24 x 7 Technical Support.....	222
Reason #9 Proven Track Record.....	223
Reason #10 Lowest Risk Foundation for the Future	224
MimioStudio Software Overview	225
Efficient	230
Effortless 5,000 Free Lessons.....	231
Educational Outcomes Increased Student Engagement	232
Effective Real Time Assessment	234
Economical.....	236
Works with Google	237
Flipped Classroom.....	238
Differentiated Instruction.....	238
Student Devices	241
Innovative Learning Environment	242
Student Version of the Software	242
Why Is Our Solution So Easy?.....	243
Subject Specific Tools	244
Boxlight Unplug'D Wireless Streaming	247
Professional Development Knowledge Transfer	250
Free Online Training.....	252
MimioConnect Professional Learning Community	254
Boxlight Company Profile.....	254
Vendor Testing Procedures District Level	266
Vendor Testing Procedures Classroom Level.....	273

Table of Contents | P4

Topic	Tab Page #'s
Proposal Response Form 4.1	Tab 13
General 4.1	276
5 Similar K12 References 4.2.1	277
Service & Support 4.2.2 -4.2.4	278
Boxlight Customer Care 4.2.6	279
Installation Subcontractor 4.2.7	281
Sales & Support Resources within 300 Miles 4.2.8	282
Onsite Visit 4.2.9	283
Customer Service & Support 4.3	283
Hardware & Software Descriptions 4.5	283
Classroom Management 4.5.7	313
Untethering Teachers 4.5.8	315
Remote Management Software 4.5.9	319
5 Year Warranty 4.5.10	321
System Testing Procedures 4.6.1	321
General Terms & Conditions 4.9	334
Proposal Submittals Checklist 4.10	334
Qualifications 5.0	Tab 14
Minimum Qualifications for Vendor	336
General History & Experience 5.1.a	338
Current Financial Position 5.1.b	339
Narrative of 3 Comparable Contracts 5.1.c	340
Complete List of Similar Customers Last 3 Years 5.1.d	342
Best Practices 5.1.e	353
Certifications Licenses & Permits 5.1.f	356
Legal Compliance 5.1.g	356
Bonds & Insurance 5.1.h	356
Certificate of Insurance	357
Failure to Perform 5.1.i	358
5 Similar References 5.1.j	358
Implementation Pictures 5.1.k	361
Subcontractor Information 5.2	362
Attachments 9.0	Tab 15
M/WBE	364
Statement of Intent	365



Solicitation No. 18C-018

Executive Summary

Section 4.0.1.2

HOWARDTM
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Seeing is Believing

and



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TECHNOLOGY SOLUTIONS

Executive Summary

Section 4.0.1.2



Howard Corporate Headquarters

Howard Industries' corporate headquarters and computer and medical cart manufacturing facilities are nestled within the 504-acre Howard Technology Park.

Building highlights:

- 60,000 sq ft of office space
- 72,000 sq ft of manufacturing space
- 3,200 sq ft bridge way connecting offices to manufacturing facility



Power Solutions

Howard Power Solutions, originally known as Howard Industries, was founded in 1968 by Billy W. Howard, Sr. Over the past four decades, this company has grown to be the nation's leading manufacturer of distribution transformers, with over 7 million transformers in service throughout the United States and abroad. Located in Laurel, MS, this facility has 2 million square feet, making it the largest transformer plant in the world. Our newest transformer division, Howard Substation Transformers, located near corporate headquarters, began manufacturing operations in April 2005 producing power transformers with higher KVA and voltage ratings.



Technology Solutions

Our new Corporate Headquarters is also home to our technology division, Howard Technology Solutions, and its medical division, Howard Medical. These 2 divisions bring to market cutting-edge, high-quality technology and medical equipment. Whether selling Howard-manufactured products such as desktops, notebooks, servers, and medical carts or partnering with other industry-leading companies to provide over 190,000 products, one can be sure when you buy from Howard, the needed equipment is available at affordable prices.



Lighting Products

Howard Lighting Products markets a vast portfolio including electronic and magnetic fluorescent ballasts, magnetic HID ballasts, as well as fluorescent lamps, T5/T8 fluorescent lamps, and halogen lamps. This division continually updates their product lines to meet the ever-changing demands of the market. They currently have products in use at Johnson Space Center, Kennedy Space Center, Camp Pendleton, CIA Headquarters, Fort Bragg, and numerous other U.S. government installations, as well as many, many private facilities.



Transportation

Howard Transportation, a wholly-owned subsidiary of Howard Industries, Inc., operates a full-load, long-haul, flat-bed common carrier truck line and brokerage firm that transports commodities and industrial goods throughout the continental United States. Initially started to transport Howard Power Solutions' raw materials and finished products, this division today consists of over 200 trucks with regional terminal facilities also located in West Virginia and North Carolina.

Howard Technology Solutions | Brief History

Howard Technology Solutions, a division of Howard Industries, Inc., was established in 1998 with our parent company being founded in 1968. Howard is a privately held corporation incorporated and headquartered in the state of Mississippi, personnel located across the country, including Georgia. Howard currently employs approximately 3,430 employees. Howard Technology Solutions is dedicated to helping our customers effectively select, implement and use technology to achieve their mission.

Legal Name & Contact Info

Legal Name | Howard Technology Solutions

A Division of Howard Industries, Inc.

Legal Entities | See Above

Bid Contact | Bid Services Department

Bid Services Dept. Phone | 601.425.3181

Bid Services Dept. Email | bids@howardcomputers.com

Corporate Address | 36 Howard Drive, Ellisville, MS 39441

Mailing Address | P O Box 1590 Laurel, MS 39441

Corporate Phone | 888.912.3151

Corporate Email | www.howardcomputers.com

Fax | 601.399.5077

Legal Structure | A Corporation

Corporate Officers

Chairman of the Board | Billy W. Howard

CEO | Linda T Howard

President | Howard Industries | Michael Howard

President | Howard Tech. Solutions | Cyndi McCoy

Executive Vice | 154

President | Kyle McCoy

Secretary/Treasurer/CFO | Steve Howard

K12 Education in South Carolina

SC K12 Education Acct. Mgr. | Lincoln Glover

SC Office | Myrtle Beach, SC

Email | lglover@howard.com

Cell | 843.371.9784

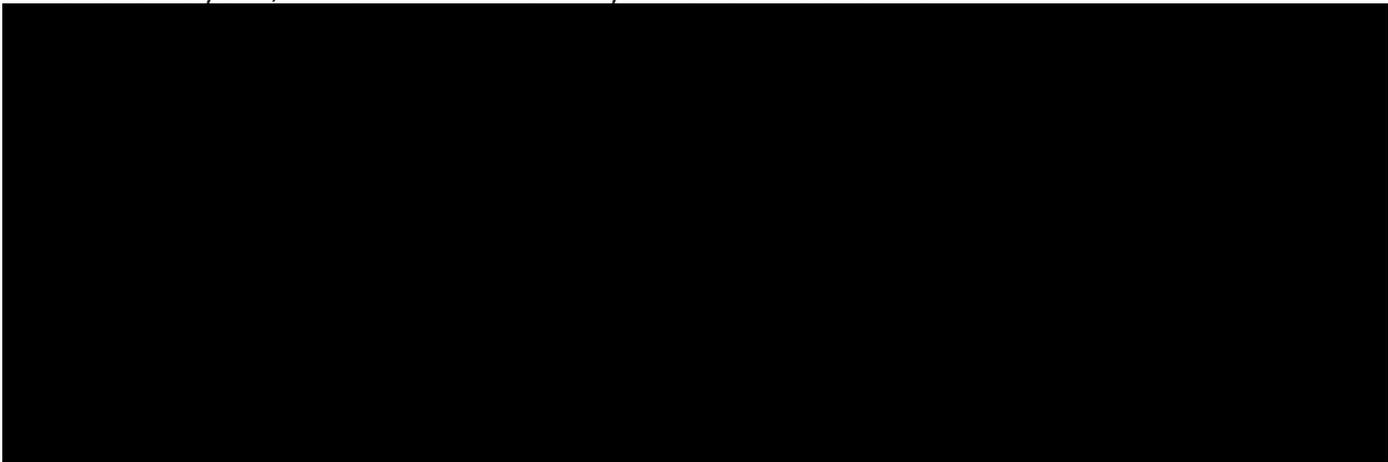
Company Size In Relation to Industry | Very Large

of Employees | Howard Industries – 3,430

Howard Technology Solutions - 435

Current & Past Experience on Similar Projects

Howard Education's experience in the audio visual market is vast and varied. HowardEDU annually completes over 300 projects totaling more than \$10 million dollars. Projects include sales, installation, professional development and support of interactive flat panels, projectors, interactive whiteboards, sound systems, digital signage, interactive software, document cameras, computers, wireless slates and student response systems. We have been serving the K12 market for over 10 years, and look forward to many more decades of service.



We have extensive experience on similar projects, as outlined in the following sections:

- **Explanation of Solution** | Tab 12 | Section 3.11.12
- **Detailed Narrative of 3 Most Recent Comparable Contracts** | Tab 14 | Section 5.1.c
- **Complete List of Similar Projects Over Last 3 Years** | Tab 14 | Section 5.1.d
- **List of 5 References for Similar Projects & Services** | Tab 14 | Section 5.1.j

Summary of Howard Business Solutions

- Computing Solutions
- Audio Visual & Instruction
- Network Infrastructure Solutions
- Network Video Solutions
- Virtualization
- Software
- Audio Visual & Professional Services
- Professional Development

List of Howard Business Partners

HP, Lenovo, Extreme, Brocade, Dell, Xirrus, Ruckus, Aerohive, Intel, Cisco, APC, Acer, ASUS, Belkin, Tripp Lite, Comprehensive, Palo Alto, Barracuda, Sophos, Lightspeed, Boxlight, Epson, BenQ, Viewsonic, Crestron, Extron, Chief, Elmo, Front Row, Audio Enhancement, Lumens, Panasonic, Sony, Hitachi, Fujitsu, Anywhere, Aver, Black Box, Spectrum, Adobe

Partnership with Manufacturer

Premier Partner | Howard Technology Solutions is a Boxlight Premier Partner, and as such is authorized to resell Boxlight products in the State of South Carolina. Letter of authorization can be found behind Tab 10 Required Licenses in Section 4.0.1.11.

General Description of Financial Position

As you can see from the summary table below, over the past 5 years, Howard Technology Solutions sales revenues have generally ranged between \$700-800M. Income (profit) ranged between \$7.5M and \$12M+. Net worth has consistently remained in the \$175M range.

Howard Technology Solutions - Registration Information					
Annual Sales Volume		Income (profit) from operations		Net Worth	
Year	Amount	Year	Amount	As of	Amount
2017					
2016					
2015					
2014					
2013					
2012					

Detailed Financials

Detailed financials are included behind Tab 8 in Section 4.0.1.9.



Solicitation No. 18C-018

Bidder Experience & Capabilities

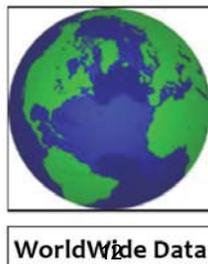
Section 4.0.1.3

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Bidder Experience & Capabilities

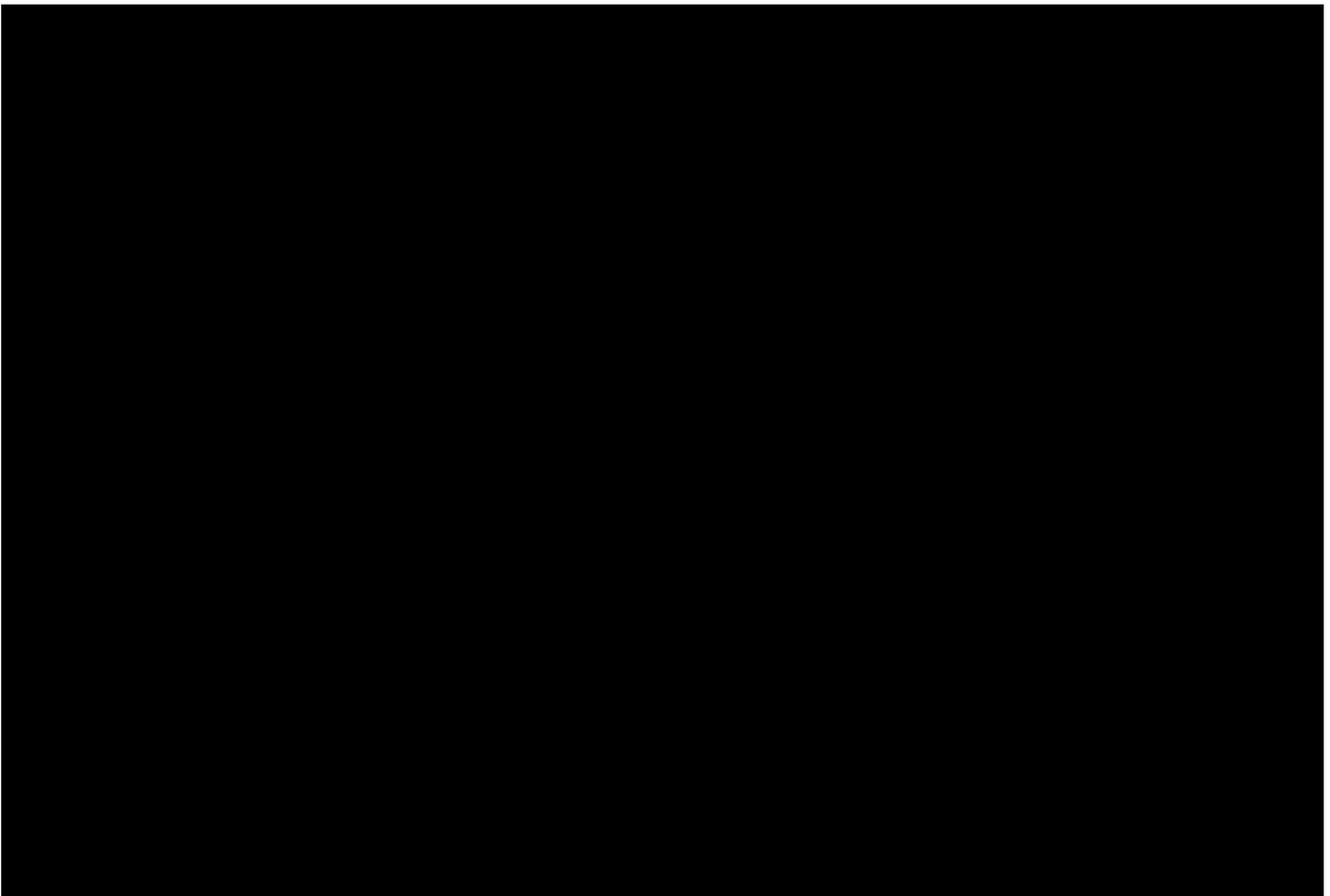
Section 4.0.1.3

Firm Experience I Supplying Similar Services

Howard Education's experience in the audio visual market is vast and varied. HowardEDU annually completes over 300 projects totaling more than \$10 million dollars. Projects include sales, installation, professional development and support of interactive flat panels, projectors, interactive whiteboards, sound systems, digital signage, interactive software, document cameras, computers, wireless slates and student response systems. We have been serving the K12 market for over 10 years, and look forward to many more decades of service.

Summary of Similar Projects

Exceeding Expectations is the key to developing extremely satisfied clients. Honesty and integrity are a must. As are quality products at reasonable prices. Consistency, creativity and communication are key. Relationships and rapport play an important role. Because at the end of the day, people buy from people they like and trust. People who perform consistently, day in, and day out. We look forward to establishing a solid foundation onto which we can build a long term relationship. We welcome the opportunity to introduce you to a few more of our clients...





5 References of Similar Projects



Dates of Service | 2017-Ongoing

Summary of Services | Procurement and installation of interactive flat panels, mounts, termination boxes, face plates and cabling.



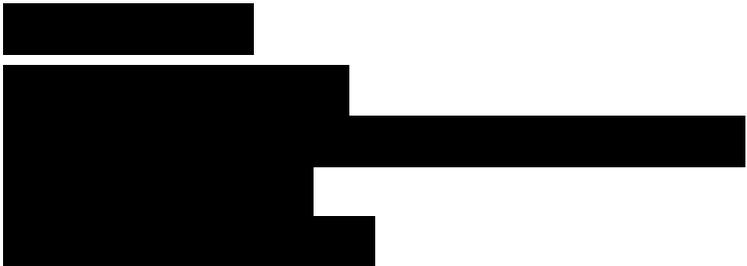
Dates of Service | 2016-Ongoing

Summary of Services | Installation of New Equipment,)De-Installation, Relocation, and Re-Installation of Legacy Systems, as well as Onsite Trouble Shooting Services.



Dates of Service | 2016-2017

Summary of Services | \$2.5M for 1,300+ touch panels, projectors and screens



Dates of Service | 2016-2017

Summary of Services | \$5M+ Display, Cabling, Projector, TV's, Audio Visual Installation & Programming, Distance Learning



Dates of Service | 2016-2017

Summary of Services | 1,000+ teaching and learning spaces with panels, projectors, podiums, Crestron management tools and screen installations.



Solicitation No. 18C-018

Project Manager & Project Personnel

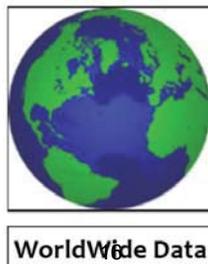
Section 4.0.1.4

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and





Project Manager & Project Personnel

Section 4.0.1.4

Team Talent

Experience Matters. Projects, like countries and corporations, often succeed or fail based on the experience and expertise of their leaders. We are extremely pleased to be able to offer County Public Schools an exceptionally talented Project Team. The following pages provide short bios on some of our key players, so you can get an idea of the wealth of knowledge and experience we bring to the project.

Project Manager

Senior Project Manager I

[Redacted]

[Redacted]

[Redacted] has been involved with multiple high profile projects including:

[Redacted]



Solicitation No. 18C-018

Terms & Conditions

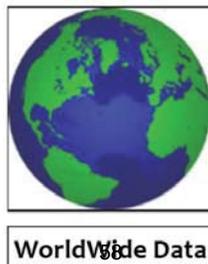
Section 4.0.1.5

HOWARDTM
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and





Terms & Conditions

Section 4.0.1.5

Terms & Conditions

Accepted I Howard accepts the Terms and Conditions of Solicitation 18-16 for Beaufort County School District In full.

Clarification I Section 3.2.4 specifies that BCSD shall not be liable for restocking charges for hardware that is delivered to the installation site but not installed as the result of a Change Order. We are in agreement with this requirement provided that the equipment is still in new condition.

Warranty

5 Year Warranty I Howard and Boxlight are offering a 5 year on-site warranty on the entire solution. See following pages for details.

Boxlight Limited Warranty

1. **WHAT IS COVERED BY THIS LIMITED WARRANTY.**

Boxlight Corporation (“Boxlight”), 1045 Progress Circle, Lawrenceville, GA 30043, makes the following limited warranty to the original buyer (other than for resale) (“you”), subject to the Exclusion From Coverage in Section 5. Boxlight warrants to you that if you purchase a product listed in the preceding Chart (“Product”), that, under normal use and service: (1) the tangible aspects of the Product are free from material defects in materials and workmanship as of your purchase date; and (2) the Product will operate in substantial conformance with the written specifications provided by Boxlight for the Warranty Period (as defined below). This Limited Warranty is not transferable from you to anyone else, including subsequent owners, and there are no third party beneficiaries of this Limited Warranty.

2. **WARRANTY PERIOD (DURATION OF LIMITED WARRANTY).**

The Limited Warranty starts on your purchase date and lasts for the length of time listed in the Chart for your Product (“Warranty Period”).

3. **YOUR EXCLUSIVE REMEDY.**

If you return the Product to Boxlight during the Warranty Period in conformance with No. 5 of this Limited Warranty, Boxlight will, at its option and as your exclusive remedy for Boxlight’s breach of this Limited Warranty and any (if any) implied warranties:

- Repair or replace all or part of the defective Product; or
- Refund the purchase price you actually paid, less shipping and handling charges, less reasonable depreciation based on actual use;

Repair and replacement may be made with new, still-serviceable used or refurbished materials comparable in function and performance to the original and may include third party items.

The above limited remedies are your sole and exclusive remedy for breach of this Limited Warranty to the extent allowed by law. Any Product that has been repaired or replaced under this Limited Warranty will be covered under this Limited Warranty only for the remaining Warranty Period of the original Product. Although Boxlight will provide one of the above remedies, it does not provide any other warranties for any repair or replacement and disclaims all duties (if any) of workmanlike effort or of lack of negligence.

4. **PROCESS FOR FILING A CLAIM UNDER THIS LIMITED WARRANTY**

If you are entitled to make a claim under this Limited Warranty, you must: (a) notify Boxlight of the claim and provide a description of the alleged breach by visiting <http://mimio.boxlight.com/boxlight-support-overview> or calling 866-972-1549 during the Warranty Period, and (b) after receiving shipping instructions from Boxlight support, return the Product with the original packaging and all in-box components and accessories and a copy of the original purchase bill of sale, receipt, or invoice that includes the dealer’s name, product name, serial number, and ship date along with a written explanation of the problem. A Return Material Authorization (RMA) number, issued by the Boxlight customer service department, must be clearly displayed on the outside of the shipping package containing the Product, or the shipment will be refused. The Product must be returned to Boxlight at your sole cost and expense unless otherwise specified by Boxlight. You assume all risk of loss or damage of the Product during return shipment. A restocking fee may apply if the Product is not returned with original packaging and all in-box accessories.

Boxlight has no obligations with respect to any returned Product if the returned Product is not covered by this Limited Warranty or you did not meet its requirements (e.g., an exclusion applies or the claim process was not properly followed, etc.). Boxlight will make its determination in good faith but its decision does not override legal rights (e.g., you may pursue relevant legal remedies). If Boxlight determines the Product is not covered by this Limited Warranty, it will inform you of the reason for non-coverage, provide you with an estimate for repairing the Product at your expense, and give you the option of either having Boxlight return the Product to you, repair the Product, or dispose of the Product at your expense. If the returned Product is covered by this Limited Warranty, Boxlight will be responsible for all shipping charges for the return of any repaired or replacement Product.

Warranty service will be performed within 20 days after receiving the Product.

5. EXCLUSIONS FROM COVERAGE; ACTIONS THAT MAY VOID THE WARRANTY

This Limited Warranty does not cover and Boxlight has no liability under it for aesthetic or subjective aspects of the Product or for any of the following (each an “Ineligible Claim”):

- (a) Products marked as “sample” or “Not for Sale” or sold “AS IS”;
- (b) consumable parts (including lamps and batteries) and any replacement parts that are not provided by Boxlight (except for those items specifically listed in the Chart),
- (c) Products or information that have been subject to modification, alteration, tampering (including with Product information such as serial numbers), or improper installation, maintenance, repairs (including acts taken by an unauthorized repair center that cause or contribute to any defect or damage);
- (d) any hardware not provided in the box with the Product;
- (e) any software, except for software in the Product or provided by Boxlight that is necessary for the operation of the Product;
- (f) ordinary use, ordinary wear, or cosmetic damage, including scratches, dings, dents, and broken plastic on ports;
- (g) any damage caused by:
 - (i) abuse, neglect, or improper use, handling, storage, installation, or testing, including any use that is not in accordance with the product manual, documentation, or other instructions provided with the Product,
 - (ii) breakdowns, fluctuations, or interruptions in electric power or any telecommunications network;
 - (iii) heat, humidity, moisture, or ordinary operation temperatures (i.e., [0°~45°]); or
 - (iv) accidents or Acts of God, including fire, lightning, flood, tornado, earthquake, or hurricane; or
- (h) any use for commercial purposes (including rental or lease) or
- (i) damage caused by or relating to programs, data, viruses, or files, or during shipment or transmissions.

6. LIMITATION ON DURATION OF ANY IMPLIED WARRANTIES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BOXLIGHT LIMITS THE DURATION OF ANY, IF ANY, APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY AS SET FORTH IN SECTION 2 (I.E., TO THE WARRANTY PERIOD).

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

7. NO OTHER WARRANTIES

This Limited Warranty is the only express warranty made to you and is provided in lieu of any other express warranties (if any) created by anything else, including (without limitation) documentation or packaging. No oral or other information or suggestions given by Boxlight, its agents, affiliates, resellers or its or their employees or agents will create a warranty or condition or expand the scope of this Limited Warranty.

EXCEPT FOR THE LIMITED WARRANTY STATED IN THIS DOCUMENT AND ANY IMPLIED WARRANTIES AS LIMITED ABOVE, BOXLIGHT DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING ANY (IF ANY) EXPRESS AND STATUTORY WARRANTIES AND CONDITIONS.

8. EXCLUSION OF CERTAIN OF DAMAGES

YOU AGREE THAT IN NO EVENT WILL BOXLIGHT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, PUNITIVE, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES TO OR FOR LOSS OF DATA, SECURITY, REVENUE, PROFITS, OR PROPERTY (INCLUDING BUILDINGS, WIRING, FIXTURES, DEVICES, COMPUTERS, PERIPHERALS, AND ANIMALS) OR FOR PERSONAL INJURY OR DEATH, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR ANY PRODUCT.

SOME PRODUCTS MAY CAUSE SERIOUS HARM WHEN USED IMPROPERLY. DO NOT LOOK DIRECTLY INTO A PROJECTOR LAMP OR LASER POINTER OR DIRECT THESE OBJECTS IN A WAY THAT MAY RESULT IN ANOTHER PERSON INADVERTENTLY BEING EXPOSED TO DIRECT LIGHT OR BECOMING DISTRACTED IN A WAY THAT MAY CAUSE HARM TO THEMSELVES OR OTHERS. PRODUCTS SHOULD ONLY BE USED IN A SAFE ENVIRONMENT FREE FROM ANY POTENTIAL SAFETY HAZARDS, AND IN COMPLIANCE WITH ANY SAFETY WARNINGS AND INSTRUCTIONS PROVIDED BY BOXLIGHT. BOXLIGHT WILL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF YOUR IMPROPER OR UNSAFE USE OF THE PRODUCTS.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

9. LIMITATION OF LIABILITY

YOU AGREE THAT BOXLIGHT’S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY AND THE PRODUCT SHALL NOT EXCEED THE LESSER OF THE (A) DAMAGES ACTUALLY INCURRED BY YOU IN REASONABLE RELIANCE, OR (B) AMOUNT ACTUALLY PAID BY YOU FOR THE PRODUCT.

SOME STATES DO NOT ALLOW THE LIMITATION OF DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

10. INDEPENDENT REMEDIES.

The disclaimers of warranties and the exclusions and limitations of damages in this Limited Warranty, including but not limited to those in Sections 6, 7, 8, and 9, are independent and shall survive even if any remedy fails of its essential purpose or is otherwise deemed unenforceable. Each of the disclaimers, exclusions and limitations in Sections 6, 7, 8, and 9 shall apply without regard to whether loss, liability, or damage arise from (a) breach of contract, (b) breach of warranty, (c) fault or tort, including negligence and misrepresentation, (d) strict liability, or (e) any other cause of action, to the extent the disclaimer, exclusion or limitation is not prohibited by applicable law.

11. YOUR RIGHTS AND THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary from state to state. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction.

----- END -----

Subject to change without notice.



Solicitation No. 18C-018

Sample Invoice

Section 4.0.1.6

HOWARDTM
TECHNOLOGY SOLUTIONS

with



and



WorldWide Data

HOWARD™

TECHNOLOGY SOLUTIONS

Sample Invoice

Section 4.0.1.6

		<h1>Invoice</h1>		Howard Industries, Inc Sales - (888) 912-3151 Technical Support - (888) 323-3151	
Payment Terms : NET 30 Days					
Invoice :	17-00807782	Order :	329886		
Invoice Date :	12/29/2017	Order Date :	12/27/2017		
Customer :	B01442	PO :	CC/18744		
Bill To :	BEAUFORT COUNTY SCHOOL DISTRICT EDUCATIONAL TECH DEPT PO BOX 309 BEAUFORT SC 29901	Ship To :	BEAUFORT COUNTY SCHOOL DISTRICT PETER SCAGLIONE 2900 MINK POINT BLVD BEAUFORT SC 29902		
Item	Description	Qty Ordered	Qty Shipped	Unit Price	Extended Price
07AVI60009L00	**ONE TIME,SPECIAL PRICING**Procolor 86" IR UHD/4K Android IFP	1	1	\$4,389.00	\$4,389.00
07ACC50027S00	Rainer IFP Adjustable Mobile Stand	1	1	\$1,241.00	\$1,241.00
<p>NOTE : If purchaser fails to pay this Invoice in full within the time stated hereon, seller may, without notice, accelerate the due date of all outstanding invoices and require that all outstanding invoices, including any interest thereon, be immediately due and payable in full.</p>					
				Sub Total :	\$5,630.00
				Taxes :	\$0.00
				Shipping :	\$0.00
				Environmental Fee :	\$0.00
				Invoice Total :	\$5,630.00
Detach and return with payment					
		MAKE CHECK PAYABLE TO/REMIT TO : Howard Industries, Inc P.O.Box : 11407 BIRMINGHAM, AL 35246-1132			
Customer :	B01442			Sub Total :	\$5,630.00
Invoice Number :	17-00807782			Taxes :	\$0.00
Invoice Date :	12/29/2017			Shipping :	\$0.00
Order Number :	329886			Environmental Fee :	\$0.00
PO Number :	CC/18744			Invoice Total :	\$5,630.00
				Amount Enclosed :	

Note I Invoice above is a sample of a typical Howard Technology Solutions invoice, in this case, one sent to BCSD for purchase of an 86" ProColor flat panel display. The invoices for the Beaufort project will contain all the elements required in the RFP, including: Invoice #, Quote #, Work Performed, Dates of Service Delivery, Pcard Ref or PO # etc. These items will be discussed and mutually agreed upon during the initial Kickoff Planning Session.



Solicitation No. 18C-018

Technical Info & Cut Sheets

Section 4.0.1.7

HOWARDTM
TECHNOLOGY SOLUTIONS

with



and



WorldWide Data

Technical Info & Cut Sheets

Section 4.0.1.7

Requirement I Technical information and cut-sheets on all components Offeror plans to install and manage.

Interactive Flat Panel

Finding the Solution that Best Meets DCSD Needs I As you are well aware, evaluating numerous technical solutions can become complicated quickly. Comparing checkmarks on a Minimum Requirements List helps narrow the field. After that, it's only be delving into the details that you are able to make an informed decision as to which solution best meets the needs of DCSD.

Making an Informed Decision I The purpose of the following pages is to provide you the information you need to make an informed decision.

Integrated Solution

The Importance of Integration I An integrated solution, by its nature is easier to use and learn. When teachers aren't comfortable with the technology, it doesn't get used. This can negatively impact student achievement, and makes poor use of a district's valuable resources.

Ease of Use I However, when teachers are properly trained and confident in the use of the equipment, amazing results can take place. Students learn faster. Teacher collaboration increases. Technology becomes a seamless part of learning. Because the benefits are so huge, Boxlight Mimio developed a fully integrated solution that runs off a common software interface, MimioStudio. The following pages detail how these tools can have a positive impact on student outcomes.



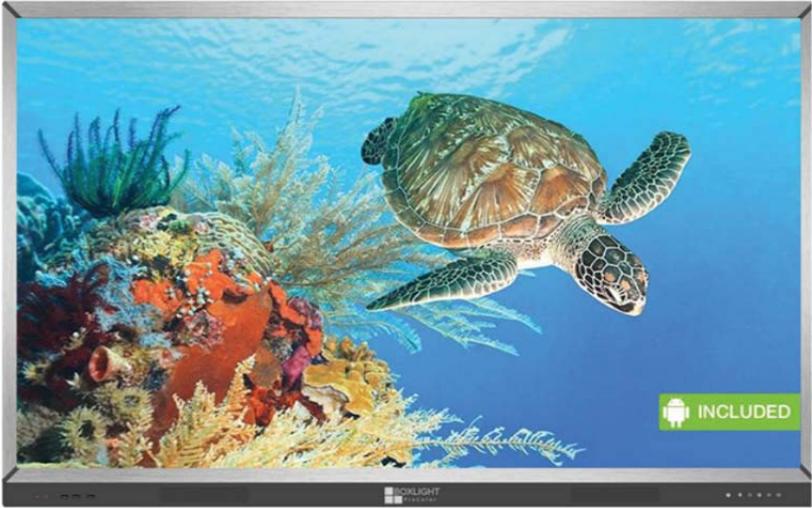
Interactive Flat Panel | Highlights



NEW Flat Panel Displays

BOXLIGHT
mimio

Seeing is Believing



- ❖ Vibrant 4K UHD Display
- ❖ 55" | 65" | 70" | 75" | 86" | 98"
- ❖ Up to 20 Points Touch
- ❖ Built In Android All Sizes
- ❖ Optional i5 or i7 PC
- ❖ Attach 2 External PCs
- ❖ Built-In Speakers
- ❖ Includes MimioStudio
- ❖ Integrated Solution
- ❖ Leverage ActivInspire Content



NEW Flat Panel Displays



Integrated Technology

- **Embedded Android**
 - Built-in instant white boarding
 - Access files from thumb drive, without attaching or activating PC
 - PDFs, pictures, video files
 - One swipe to access Settings Volume & Input Controls, without a remote
- **Integrated PC (Optional)**
 - Integrated full function PC, no need to attach cables
 - Intel Processor Inputs for USB 3.0, Mini Display and HDMI
 - Eliminates need for students to interact with teachers computer
 - Removable for easy maintenance
- **IR Display**
 - Quick and accurate, allows real time presentation & collaboration
 - Sleek form factor, ultra thin design saves valuable space
 - Durable glass
- **Energy Efficient**
 - Activate Energy Saving Mode with touch of a single button

Designed for the Classroom

- **Operates With or Without Remote**
 - Integrated functions allow panel control with or without remote
 - Ability to adjust volume, input, power and access menu directly from panel
- **Built In White Board Capability**
 - Walk up and use without Activating PC
- **Rapid Response**
 - Real time interactivity allows you to write fluidly, without a lag
- **Built In Classroom Control**
 - Inappropriate student behavior? Lock panel with one touch on remote
- **Quick & Easy Access**
 - Front facing control buttons make controlling the panel quick and easy
 - Front of panel USB ports provide easy access | 2 for Android and 1 for Integrated PC
- **Display Designed with Sunlight In Mind**
 - Displays well, even in direct sunlight
 - No need to turn off lights or pull the shades

BOXLIGHT
mimio
Presenting a Better Way to Learn

Boxlight Advantages

Superior Accuracy | Touch 360 Technology



All touch technologies are not the same. Traditional touch technologies use an X/Y grid for tracking. BOXLIGHT's Touch 360 Technology is a much more accurate system that avoids the "random" output generated with X/Y systems when multiple users are working at the same height. BOXLIGHT's Touch 360 has a richer IR field, and rapid tracking response system for seamless, reliable operation.



4K Resolution | Affordable Ultra High Definition



Boxlight is pleased to offer 4K Ultra High Definition panels at HD 1080p prices. These remarkable panels provide the ultimate in picture clarity. Available in 55", 65" 70", 75", 86" and 98" panels.

Amazingly Durable | 50,000 Hours



Rated at 50,000 hours, the life expectancy of a BOXLIGHT ProColor Panel is somewhat like a Timex watch or the energizer bunny. They just keep working.

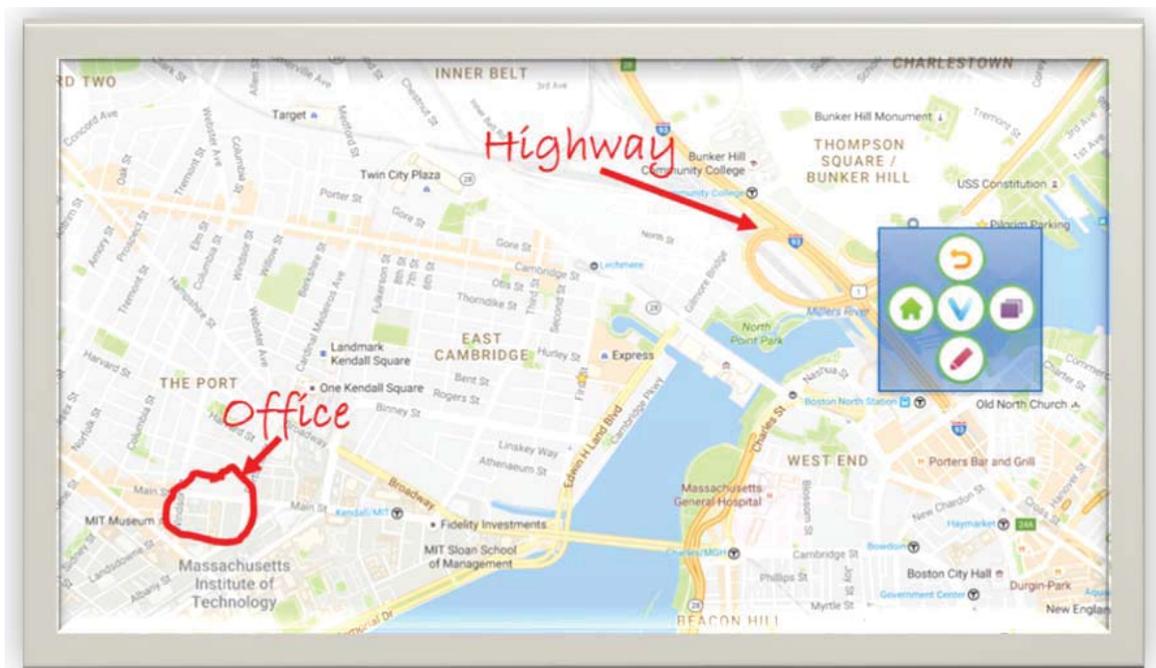
24 Watts of Power | Takes Sound to the Back of the Room



When students can't hear, they check out. BOXLIGHT dual 12 watt speakers ensure even those in the back of the room can hear content clearly.

Android Highlights

Boxlight's new line of 4K panels include a "new and improved" Android system. One that makes **remotes optional**, and provides "**walk up and use**" **white boarding** capability. Volume and brightness can be adjusted "on screen" and a **suite of apps** have been included for your convenience. The system even includes **stereo controls** and "**Picture within a Picture**" capabilities, and a **reader for Office documents**.



Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

Mounts & Carts

When it comes to mounting carts and systems, one size definitely does not fit all. We have selected an outstanding portfolio of best-of-breed solutions to properly address the varied needs of Beaufort County School District. A summary of options below. Detail on the following pages and in the spec sheets.

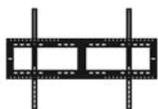
BOXLIGHT-MIMIO
Item Name/Number
Mounts
Fixed Wallmount Procolor-Wallmount-001
Height Adjustable Wall Mount ProColor Panels Up to 75" LED-WALL-LITE
Height Adjustable Wall Mount ProColor Panels Up to 98" LED-WALL
Fixed Height Mobile Cart Procolor-Mobile-200 & Procolor-Wallmount-001
Height Adjustable Motorized Mobile Cart IFPD-MOB
Height Adjustable Motorized Mobile Cart to Table IFPD-MOBTLT

Wall Mount Systems

When it comes to mounting systems, one size doesn't necessarily fit all. Key considerations include panel size, weight, mobility requirements, and height of the users. Because of the weight of the touch screen glass, interactive video display systems are much heavier than traditional whiteboards. In order to ensure the safety of your staff and students, it's imperative you select a mount that hold the panel securely, year after year.

In order to provide our customers maximum flexibility, we offer a variety of wall mount systems. Everything from a standard static wall mount, to manual and electronic height adjustable mounts. A brief description of each option is listed below.

Fixed Wall Mount | ProColor-Wallmount-001



Standard Fixed Wall Mount | For the fixed wall mount, we are recommending the BOXLIGHT ProColor-Wallmount-001, which is rated for up to 242#...more than enough for all Boxlight ProColor Panels up to 86".

Height Adjustable Wall Mount | 70" & 75" Panels | LED-WALL-LITE



Motorized Mount for 70" and 75" Panels | For the electronic height adjustable wall mount solution for 70" and 75" panels, we are recommending the LED-WALL-LITE, a top notch product with a center column. The system supports up to 330 lbs., and is easily raised and lowered up to 20" via the integrated motor and push button handset. Maintenance free and UL approved, the LED-WALL-LITE can be installed directly on any wall surface or over an existing dry erase board. This is an excellent product with a 5 year warranty that will serve you well for many years to come.

Height Adjustable Wall Mount | 86" & 98" Panels | LED-WALL



Motorized Mount For 86" and 98" Panels | For the electronic height adjustable wall mount solution for 86" and 98" panels, we are recommending the LED-WALL, a top notch product with a center column. The system supports up to 330 lbs., and is easily raised and lowered up to 20" via the integrated motor and push button handset. Maintenance free and UL approved, the LED-WALL can be installed directly on any wall surface or over an existing dry erase board. This is an excellent product with a 5 year warranty that will serve you well for many years to come.

Mobile Carts

Fixed Height Mobile Cart | ProColor-Mobile 200 & Mobile-Wallmount-001



Mobile Cart | We are offering the ProColor-Mobile-200 for a standard mobile cart. The height of the panel can be selected at installation. The cart includes two shelves, very convenient for storing laptops and materials. This stand supports up to 330 lbs.

Height Adjustable Motorized Mobile Cart | Up to 100" Panels | IFPD-MOB



Electronic Height Adjustable Mobile Cart | For your standard electronic height adjustable mobile cart solution, we are recommending Boxlight's motorized IFPD-MOB, a superb product with a center column supporting up to 330 lbs. At the push of a button the system can be raised or lowered up to 20", allowing users to work at a height that is comfortable them. Extremely durable and well-built, this cart is a customer favorite.

Height Adjustable Motorized Tilting Mobile Cart | Up to 100" Panels | IFPD-MOBTLT



Electronic Height Adjustable Mobile Tilt Cart | Boxlight's height adjustable mobile tilt cart offers the ultimate in flexibility. Supporting up to 330 lbs. on a center column, this solution has the ability to quickly and easily turn any size Boxlight ProColor interactive flat panel into a height adjustable mobile interactive table!

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

Software Components



Presentation Collaboration Software

Connects the Entire Classroom



MimioStudio | The “Glue” That Connects All the Components

MimioStudio integrates all MimioClassroom™ products, making it easy for teachers to seamlessly incorporate accessories such as document cameras and tablets into their interactive lessons using the same piece of software. Powerful, yet easy to use, MimioStudio makes it easy for educators to create and deliver interactive digital learning content, collaborative activities, and real-time assessment for learning. Assessments can be pre-prepared using drag-and-drop templates, or easily administered on the fly. Available formats include multiple choice, short answer, numeric and short essay. MimioStudio works seamlessly with content created in programs such as PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView.

One Software | 3 Components

3 Components | There are 3 major components to MimioStudio Software:

- 1. MimioStudio Notebook |** Lesson Development & Delivery
- 2. MimioMobile |** Collaboration, Assessment & Remote Control
- 3. MimioStudio Gradebook |** Attendance | Assessment Results | Performance “At a Glance”

Create.

Leverage & Enhance Existing Content | Including PowerPoint, Smart, Inspire

One of the reasons teachers love MimioStudio is its ability to work seamlessly with content created in programs such as Google Docs, Google Slides, Google Sheets, PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView. MimioStudio's unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio's object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.



EXAMPLE | 3rd Party File Open & Functioning in MimioStudio....Without Converting!



Create New Content | Using Existing Skills and Knowledge

Teachers who have experience with PowerPoint, Inspire or Smart Notebook already know 80% of what they need to know about MimioStudio. Toolbars were intentionally designed with recognizable icons. Teachers know what most of the icons on the tool bar are without having to be told. Why? Because they are familiar. Open, save, cut, copy, paste, delete, undo, redo, add a new page...zoom. Most teachers know this without any training.



Manipulate.

Object Oriented. MimioStudio's object oriented design makes it easy to manipulate content, allowing teachers to customize their own work and effectively use and modify content created by others.

3rd Party Content. This design structure plays a key role in allowing advanced functions created in other software, such as Smart Notebook. The USA States and Capitals lesson, created using Smart Notebook, is fully functional and editable, *without conversion*, in MimioStudio.

Move. The ability to move objects is important in both lesson creation and lesson delivery. It's easy in MimioStudio...just drag and drop!

Add Actions. Clicking or dragging an object can activate actions such as playing a sound, going directly to another page or website.

Add Sounds. Students love to hear the sound of applause! MimioStudio makes it available by simply touching an object. Sound can be used in science to hear the call of a bird, in music to hear the tone of a note, in social studies to hear Martin Luther King's "I Had a Dream" speech, and in ESL and foreign language to help students learn how to pronounce words.

Add Links. Time is of the essence. Teachers can maintain focus and maximize instructional time by adding links that lead directly to desired content. Be that a PDF, Word document, website, video, or another page in a lesson.

Clone. Cloning changes the properties of an object so that every time you drag it, you get another. This is especially helpful when teaching students how to make change, or working with different parts of speech.

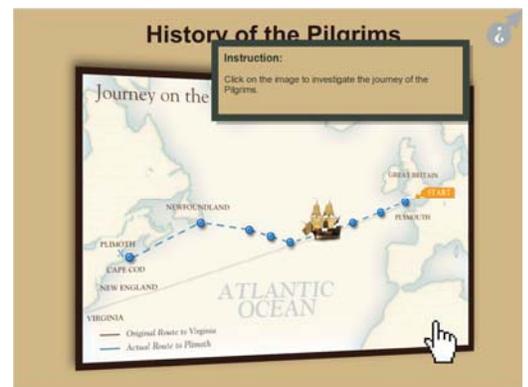
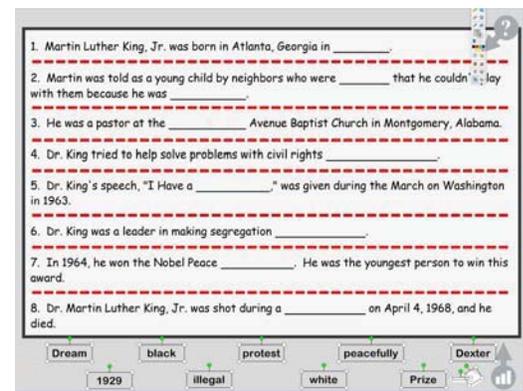
Group. Grouping lets multiple objects to be treated as a single unit, making manipulation fast and easy.

Layer. A favorite technique of exemplary teachers, layering allows teachers to create digital "stacks" and to "hide" content beneath other objects, which can be revealed at the appropriate time.

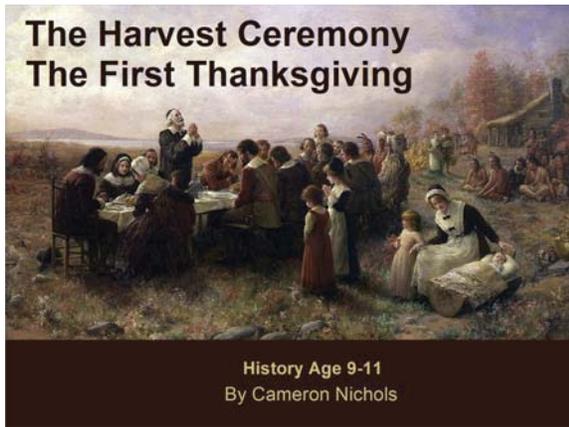
Animate. Animating an option adds motion which promotes focus and interest. Objects can be set to fade in or out, grow, shrink, and slide in from almost anywhere on the page.

Align. Left, right, top, bottom, center, to grid...

Cut, Copy, Paste....and many other helpful functions.



Save.



Content created in MimioStudio can be saved in a variety of formats including:

- **MimioStudio** (.ink)
- **BMP** (*.bmp)
- **CompuServe GIF** (.gif)
- **JPEG** (.jpeg)
- **PNG** (.png)
- **TIFF** (.tif)
- **Metafile** (.wmf)
- **Interactive Whiteboard** (.iwb)
- **Acrobat** (.pdf)

Works with 3rd Party Content | Saving Teachers Valuable Time

One of the things that makes MimioStudio consistently outshine the competition is its ability to work seamlessly with content created in programs such as PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView. MimioStudio's unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio's object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.

MimioStudio Benefits

Easy to Learn | Only Learn ONE Software

Tell teachers you're giving them new technology, and you're likely to hear them say...

"I don't have time to learn one more thing!!"

Districts who adopt MimioStudio can respond...

***"That's OK. You don't have to.
You already know enough to start using the system."***

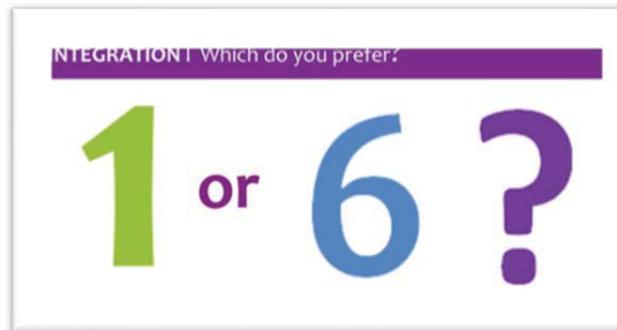
How can that be?

Leverage Existing Skills | MimioStudio was designed with teachers in mind. We know how busy they are. Teachers who know how to use programs like PowerPoint, ActivInspire and Smart Notebook already know 80% of what they need to know to use MimioStudio.

Start Using the Software Day 1 | Teachers can start using the software Day 1 by leveraging their existing skills. They already know how to annotate with the pen, highlighter and eraser. How to add text. Cut. Copy. Paste. Delete. Save. They can use lessons they already have. Lessons they created in PowerPoint, Inspire, Smart Notebook or Examview. It doesn't get any better than that!

Easy to Use | **Learn Once...Use Again, and Again, and Again...**

One or Many? | Give teachers a choice of learning one software that runs everything, or a different piece of software for every device...guess what they'll pick? They'll pick learning one software almost every time. Why? Because it takes less time to learn and is easier to remember, easier to use. Consistency creates confidence. Consistency increases usage. Consistency let's teachers focus on teaching, not the technology.

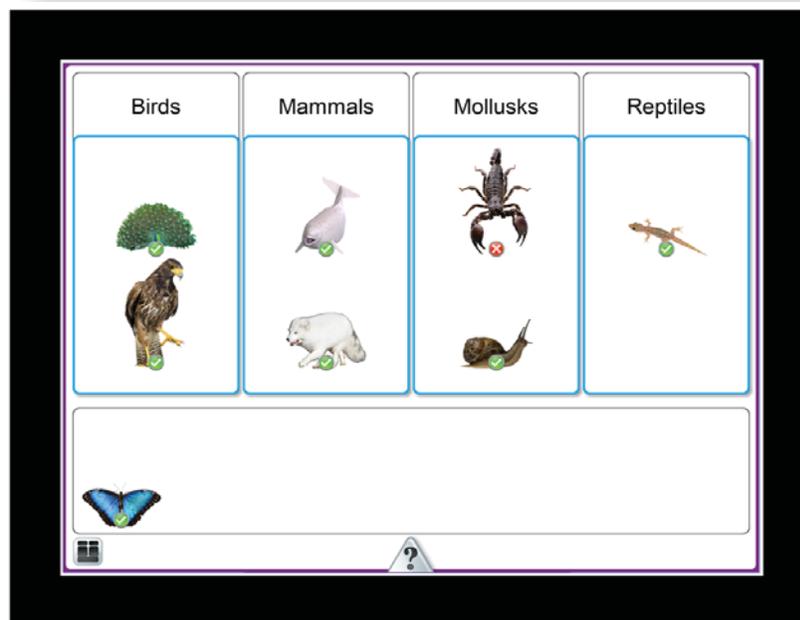
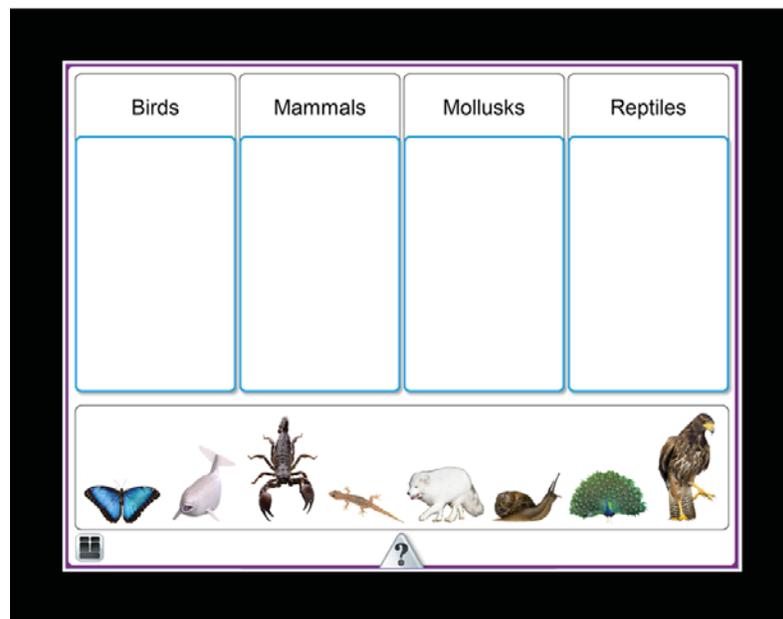


Efficient | Powerfu

is a Snap!

Built-In Activity Wizard | MimioStudio's ActivityWizard uses a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in less than a minute. Activities like the one below (3-5th grade animal classification) can be used for whole group instruction, or pushed out to student devices as an individual or group activity. Work from up to 50 students can be simultaneously displayed.

Customizing the Activity | Teachers can let the system select the content automatically, or they can individually select a set of items from the answer pool. They can also choose whether or not to include distractors, and whether they want the students to receive immediate feedback or wait until they have completed the activity. At the touch of a button content can be reset or refreshed. Activities vary by grade level and content area.



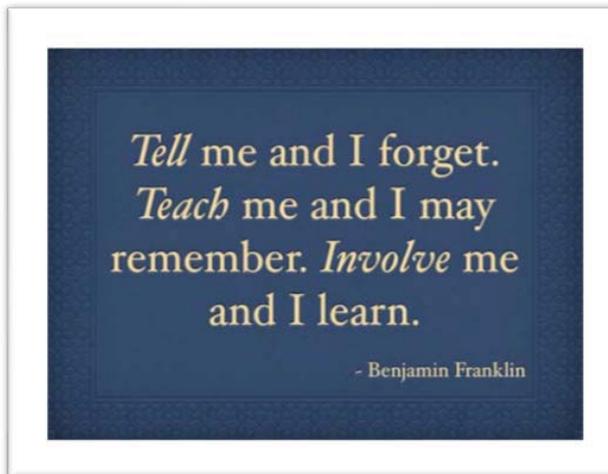
Effortless | Over 5,000 Lessons Available...Free!

5,000+ Free Teacher Created Lessons I Want to accelerate your lesson development time? Leverage lessons created by other teachers...available for free at www.mimioconnect.com. Membership is free, and lessons are searchable by subject, grade level, author, popularity and keyword. Teachers can “use-as-is” or customize to meet their needs. See samples below.

Educational Outcomes | Increased Student Engagement



Engage Students | Students learn better when they're involved. Digital Natives prefer learning that is hands on. Researchers have found that learning retention increases significantly when learners are actively engaged in their learning via hands on application in real world settings. Critical thinking and higher order learning are both enhanced through collaboration. Consequently, the most effective teaching methodology is not listening to a teacher present a PowerPoint, or passively watching a video. The most effective training takes place when learners are actively engaged.

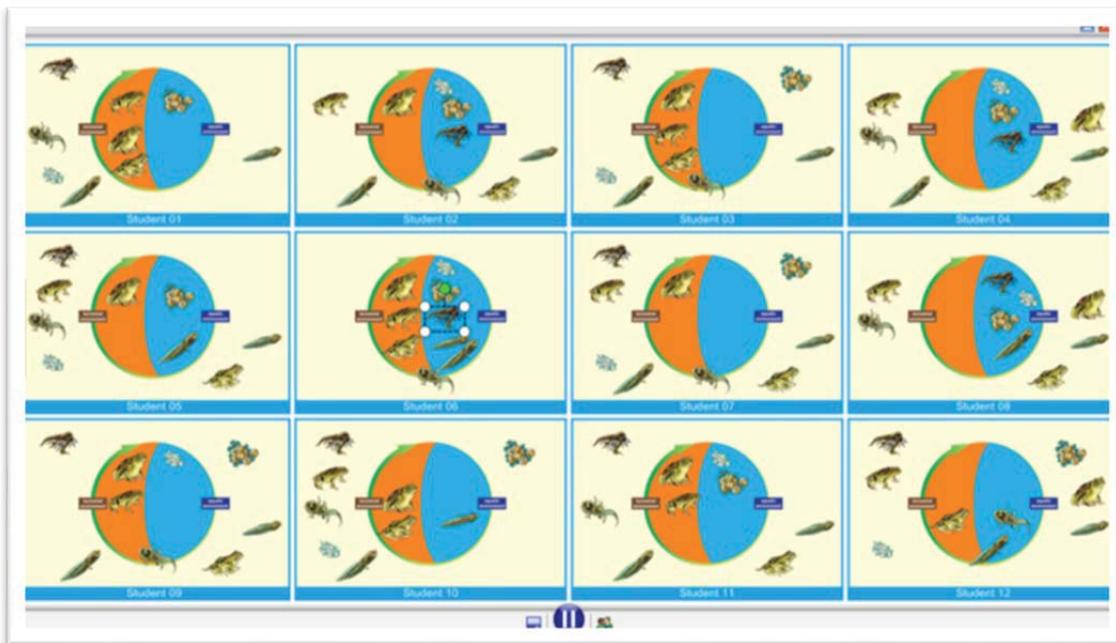


Teaching Method	Knowledge Retention
See Hear Lecture	5%
Reading	10%
Audio Visual Video	20%
Demonstration	30%
Discussion Group	50%
Practice by Doing	75%
Teaching Others	90%
Immediate Real World Application	90%

Simultaneous Participation | Gone are the days of one student working at the board at a time. MimioStudio collaboration tools allow teachers to send interactive content to students with the push of a button. Everyone is engaged simultaneously, working either individually or in groups, from their desk or at the front.



Simultaneous Display of Student Work | MimioStudio's collaboration features allow teachers to display the work of up to 50 students simultaneously. At a touch of a button they can hide the work, pause activity, or resume display.



Simultaneous Interaction | Not only can teachers display student work, they can interact with it real time from the front of the class, while the student continues working at their seat. Both have the ability to annotate, drag and drop etc., simultaneously in real time.



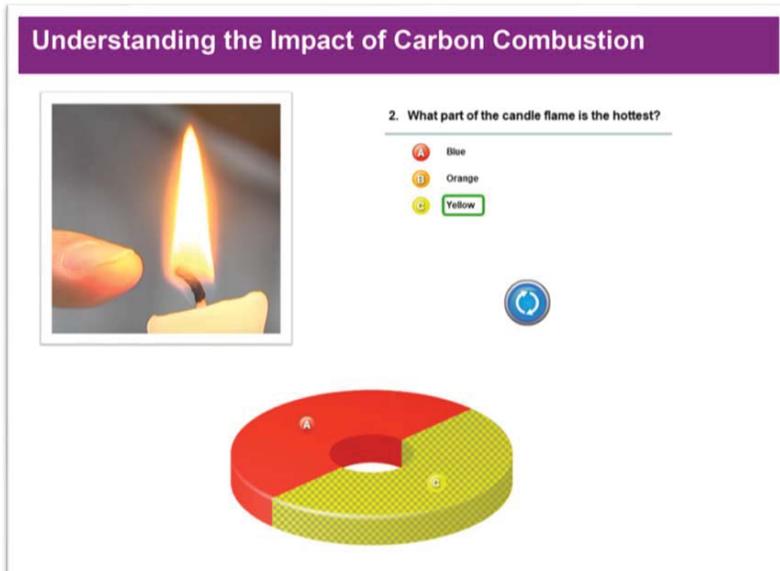
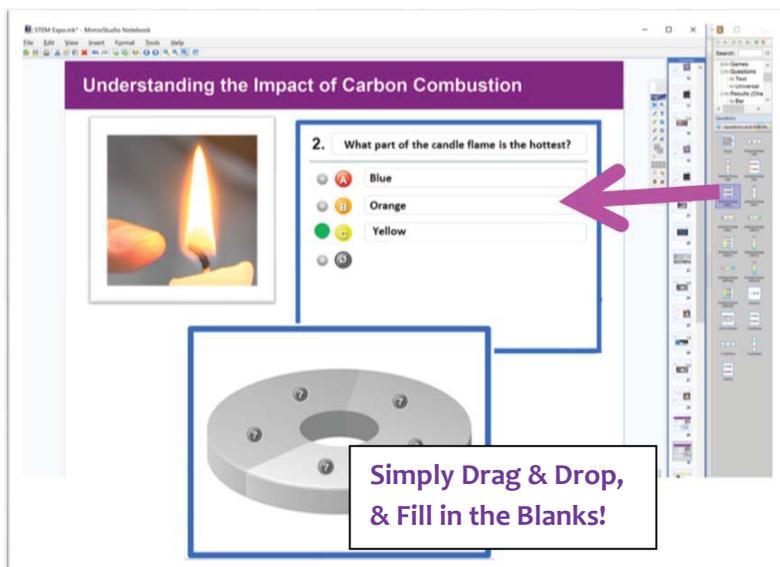
Multi-Modal Content | Boxlight's 4K Interactive Panel with built in speakers and 20 Touch Points simultaneously engages all modalities of learning...visual, auditory and kinesthetic.

Accelerated Learning! | Hands-on, interactive content engages students. Engaged students stay on task and are actively involved in their learning, accelerating the learning process. Want to keep your students engaged? Keep them actively involved in the lesson.

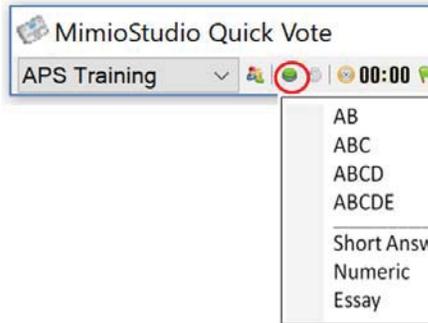
Effective. | Real Time Assessment

Integrated Assessment | Real time feedback allows student data to drive the pace of the lesson, keeping students engaged. Teachers no longer need to “guess” whether they should move on or extend the learning. Students get immediate feedback, building their confidence when they’re correct, and enabling them to ask questions when they need further explanation.

Assessment Creation Made Easy! | With MimioStudio, creating assessments is a breeze! Teachers simply drag and drop the template for the desired question format onto their page and insert the question. For multiple choice questions, they simply type in the possible answers and select which, if any, is correct. Available templates include: Numeric, Short Answer, Short Essay, True/False, Yes/No and Multiple Choice. Students can respond using Laptops, Chromebooks, iPads, Tablets, or Cell Phones.



Create Assessments On the Fly | Teachers also have the ability to quickly create assessments on the fly using MimioStudio's Quick Vote Tool.



Questions can be multiple choice, short answer, numeric or essay. See the results immediately! Questions and answers are recorded automatically by student.

Assess Student Progress At a Glance | Not only does MimioStudio automatically record and grade individual student responses, it provides a wealth of information “at a glance.” For example, in the table below you can see that the majority of the students have mastered the content. For Question 2, you can see the question, available answers, correct answer, as well as individual student responses. You can also see each student’s cumulative average.

Last Name	First Name	Attendance	Average	Q1	Q2	Q3	Question
Aragon	Trista	Present	52.0/60.0 (86.7%)	●	●	●	One chemical property of matter is <input type="radio"/> A density. <input checked="" type="radio"/> B reactivity. <input type="radio"/> C texture. <input type="radio"/> D boiling point. Weight: 1.00 Actions <input type="button" value="Edit Question"/>
Bermudez	Stirling	Present	52.0/60.0 (86.7%)	●	●	●	
Dugan	Rachel	Present	54.0/60.0 (90.0%)	●	●	●	
Duncan	Julie	Present	48.0/60.0 (80.0%)	●	●	●	
Erwin	Cody	Present	49.0/60.0 (81.7%)	●	●	●	
Franklin	Steve	Present	48.0/60.0 (80.0%)	●	●	●	
Gouge	Joe	Present	45.0/60.0 (75.0%)	●	●	●	
Hazen	Tony	Present	51.0/60.0 (85.0%)	●	●	●	
Hochstein	Craig	Present	53.0/60.0 (88.3%)	●	●	●	
Hoefmer	Elizabeth	Present	56.0/60.0 (93.3%)	●	●	●	
Horth	Madolynn	Present	48.0/60.0 (80.0%)	●	●	●	
Jaeckel	Jon	Present	43.0/60.0 (71.7%)	●	●	●	
Loesch	Sydney	Present	45.0/60.0 (75.0%)	●	●	●	
Ortiz	Sandy	Present	37.0/60.0 (61.7%)	●	●	●	
Premier	Jake	Present	49.0/60.0 (81.7%)	●	●	●	
Slous	Pam	Present	43.0/60.0 (71.7%)	●	●	●	
Stuewe	Bethany	Present	53.0/60.0 (88.3%)	●	●	●	
Tyndall	Kaitlyn	Present	56.0/60.0 (93.3%)	●	●	●	
Class Average			49.0/60.0 (81.7%)	7/18	15/18	16/18	

Economical | Protect \$150 Million Investment in Existing Content

Reason #3 | In “Reason #3” of “Why Prologic” we pointed out the investment in the initial acquisition is usually only the tip of the iceberg. An often unnoticed, “hidden” investment is the amount of time and effort teachers spend creating educational digital content. Even if teachers only spend 30 minutes a day (an average of 5 minutes per class) creating or curating content, over time, the investment really adds up.

\$150 Million And Counting... | As you can see from the estimates below, over the course of 1 year, that “hidden” investment comes to over \$30 million dollars. Over the course of 5 years, over \$155 million. That’s significant! And worth protecting.



Foundation for the Future | The Ultimate in Flexibility

FOUNDATION FOR THE FUTURE | Control Your Destiny

Grow As You Go. | Protect the “old” while taking advantage of the “new.”

The Interactive Classroom





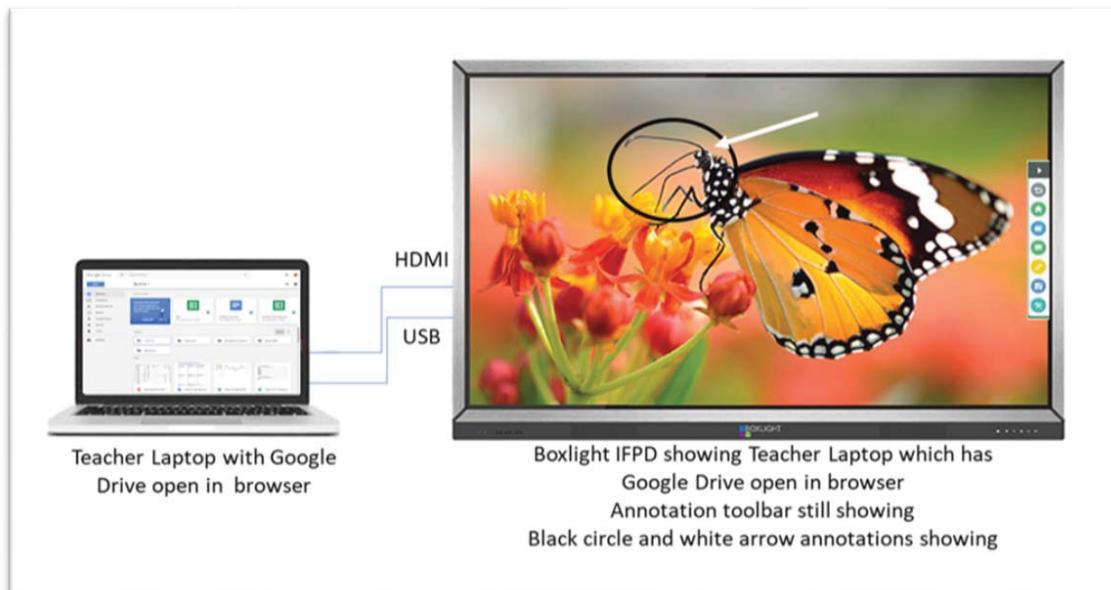
MimioStudio
classroom software

The Ultimate in Flexibility. | Upgrade to the latest hardware while protecting your investment in existing digital content and training.

Works with Google.

Google Drive Integration | The Boxlight Procolor panels uses a built-in Android OS which supports the ability to save any content created within our whiteboard app to be uploaded to Google Drive, providing ease of access of both teacher and student created materials. In addition to logging on to a Google account with an onboard or external PC, the panel can be connected to a Chromebook to allow use of the both the onboard Android tools and any Chrome App or Extension existing in the user's logged in Chrome account. In addition, Boxlight's MimioStudio Software can access Google Drive directly.

Enhance Google Docs, Sheets & Slides | The Mimio Studio software will natively open multiple file formats, including PowerPoint. A Google Slide lesson can easily and quickly be downloaded as a PPT file format, and then opened for use within the Mimio Studio lesson. Additionally Google Docs or Google Sheets can be saved in PDF and opened easily within our software for immediate use.



Google Keep & G Suite | Mimio Mobile's app is available in the Google Play Store. The Mimio Mobile application's login information - either a QR code or Web ID can be kept in Google Keep for immediate access within the Google Classroom environment using the app quick launch menu . Within Google Classroom, the teacher can add a link as well, allowing the student the ability to connect to a Mimio Mobile session. A teacher can quickly access student work developed using G-suite tools, and with a few quick clicks, can open and share the work out to any connected student device. This allows for not only collaboration, but the ability for team or individual work to be created, visualized, and saved.

Google Classroom | Boxlight is committed to enhancing and improving our award winning software and mobile applications to integrate with Google tools, in particular Google Classroom, to provide seamless use of these phenomenal tools within the teaching environment. We look forward to making enhancements that will support the use of technology tools to help support multiple pedagogy models, and provide digital learning opportunities using Boxlight Mimio's education solution suite.

Flipped Classroom

Learn At Home | Share at School | MimioClassroom's tools make Flipping the Classroom a breeze. Students can use the free home version of the software to create interactive lessons to share with the class. They can record their lesson, and then giving it in real time, so it can be shared, or posted online for future use. The screen capture is a fast, efficient way to get 3rd party content into a lesson. Content created at home can be stored on Google Drive, and then be accessed later in the classrooms. Content created using Google Docs, Google Sheets, or Google slides work seamlessly on ProColor panels. Content can be annotated, enhanced, saved for future use or shared out with others.



Differentiated Instruction

Differentiating Instruction can help accelerate learning for students, regardless of subject area or ability. How would this work in a Mimio Classroom? Let's listen to some suggestions from Paul Gigliotti, History Teacher and MimioMaster, who loves using MimioStudio tools to differentiate instructions for his students.

"I typically differentiate all of my high school U.S. History lessons by dividing the students up into three ability levels (Red, White, and Blue). For each topic we cover, each color offers students of different ability levels various degrees of rigor as well as choices for research materials and final products. I also use Mimio Mobile and MimioStudio frequently in class to get the students engaged in other similar activities not listed on the site. Feel free to have a look at www.mrgigliotti.com.

"With MimioMobile, differentiated instruction has never been easier! As a classroom teacher, I can create a lesson in MimioStudio for various ability levels. My students then collaborate in small groups using their mobile devices to engage in active learning."

Paul Gigliotti, History Teacher

Differentiated Instruction Examples

Example #1 | Social Studies

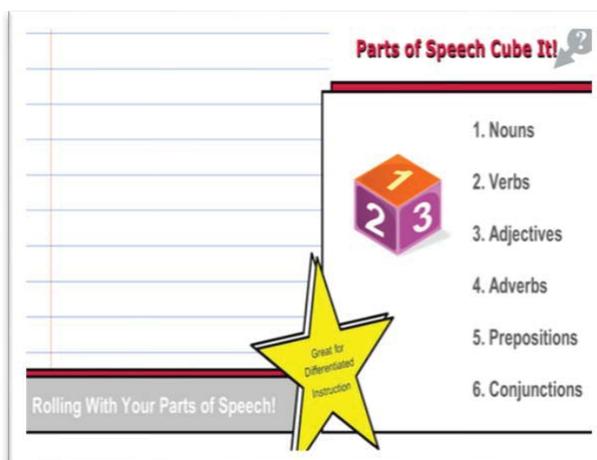
The teacher uses Mimio Mobile in “Quick Collaborate Mode.” Quick Collaborate will work with all sorts of subjects and topics. It is a fantastic tool, which does not require any extra work by the teachers and can typically be used with any form of collaboration they are already doing in class.

In this example, The teacher has broken the class up into three or four ability levels based on previous assessment data. The class is studying the first inauguration of George Washington. They are given additional materials from their teacher to complete their group’s task.

Students with limited ability are asked to use those materials to define key terms needed to understand the topic. They list the terms and definitions in their quick collaborate screen. An average group of students is then asked to write a short response in their collaborate screen summarizing what events they took place from the time GW learned he was going to be president to the time he actually took office (there was a lot of fanfare). Finally, a high level group would be asked to compose a short response within quick collaborate comparing GW’s inauguration with more recent inaugurations. Once each group has completed their part of the assignment, the class as a whole, would discuss all of the information presented and gathered by the different groups within the quick collaborate to gain a deeper understanding of the topic. A similar strategy could be used with various math problems and equations.

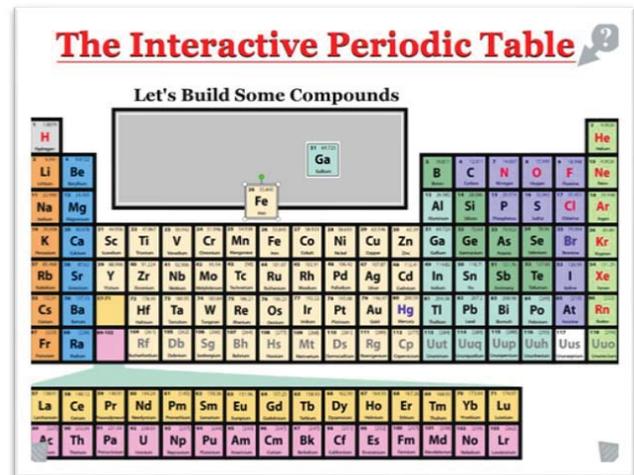
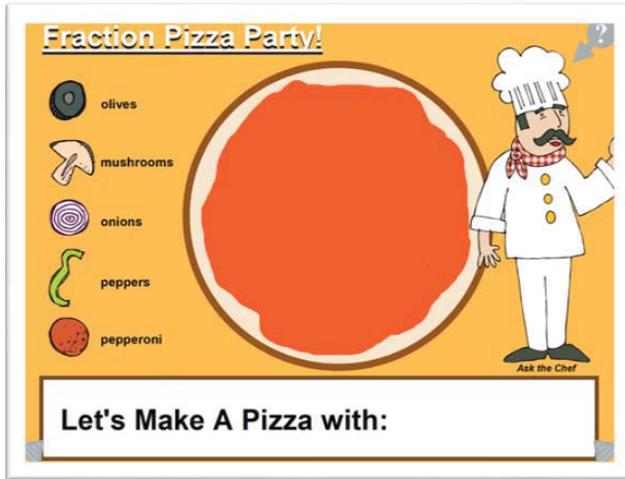
Example #2 | Science & ELA

An activity such as the Solar System lesson attached is another good example. This lesson would be pushed out to the class using Mimio Mobile. Each student or group of students would be asked to randomly pull out a planet from behind the Sun. Once they have selected their planet, they would be asked to write facts or characteristics about that planet using the Mimio Mobile tools. Again what kind of facts/writing prompts could be based on ability level as well. The teacher can assign what they think is most appropriate for each student. This type of lesson provides a “choice” of content, but is also flexible enough to allow for various depths of knowledge. Similar activities would include things like the “Roll it Parts of Speech”. Again the whole class could go over the results once individual work or collaborative work had been completed.



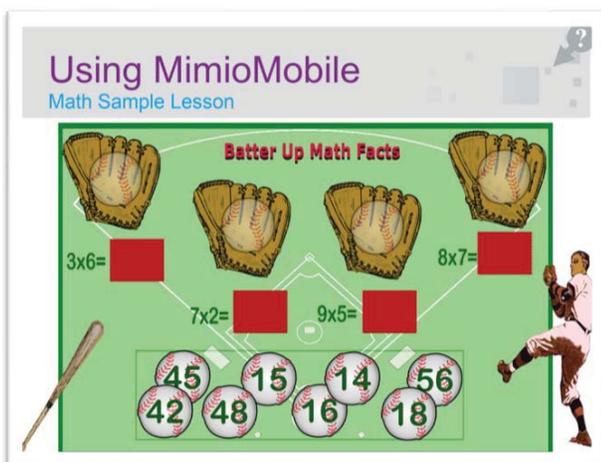
Example #3 | Math & Science

You could also use lessons like the Pizza lesson or the Periodic Table lesson to engage students in a differentiated activity. Using Mimio Mobile, each group could be assigned a different fraction or compounds based on their ability. The teacher knowing their students best would determine how they would engage in the activity and the whole class could go over all of the results at the end of the activity.



Example #4 | Math & History

Assessment is often the name of the game in differentiation so in this example the teacher uses Mimio Mobile and quick vote as an assessment tool. Students are divided into ability groups and are directed to answer some but not all questions. Each student would be given the question numbers that must complete as the class goes through all of the material. Students in a limited ability group would be asked to answer low-level recall questions. Average students would be asked to answer another set of questions which include both recall and a few higher level questions (i.e. fill in the blanks and short response). Finally students with the highest ability would be asked to answer essay and short answer type questions. Again the teacher would assign the questions for each student based on their ability level. Mimio Studio Gradebook would then also provide data collection for future lesson planning.



Student Devices

Pick a Device, Any Device | MimioMobile allows for group learning and collaboration on almost any device. Chromebooks, Laptops, iPads, Smart Phones, and tablets can be used in any combination for collaborative activities, assessment, or remote control of the panel. MimioMobile allows students to learn at their own pace and helps instructors to teach each student individually. For example, using the built-in Collaborate function in MimioStudio, teachers, with one press of a button, can push an activity that is on the panel, out to every student's device, where they can work on them individually, at their own pace, or collaboratively, in groups.

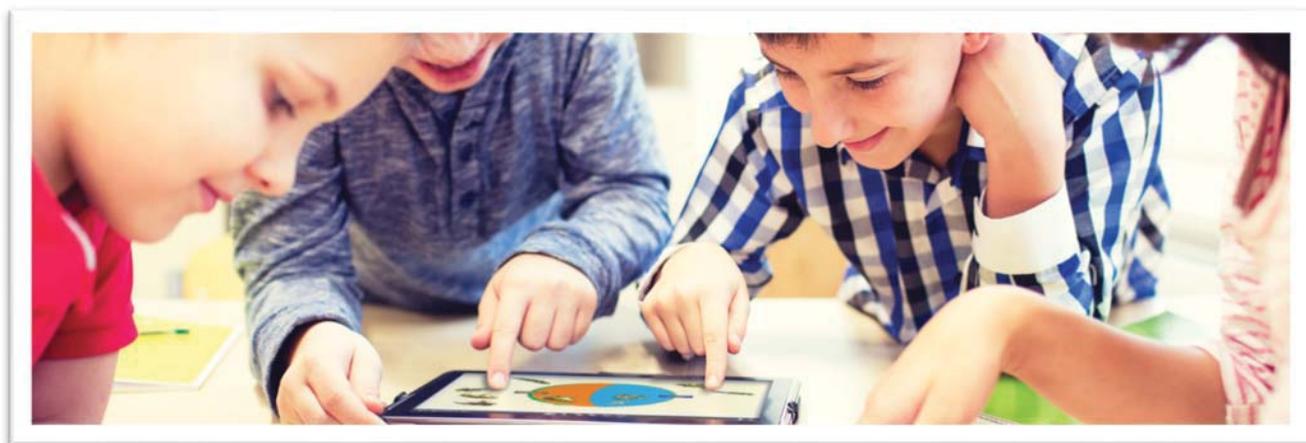


Device Options

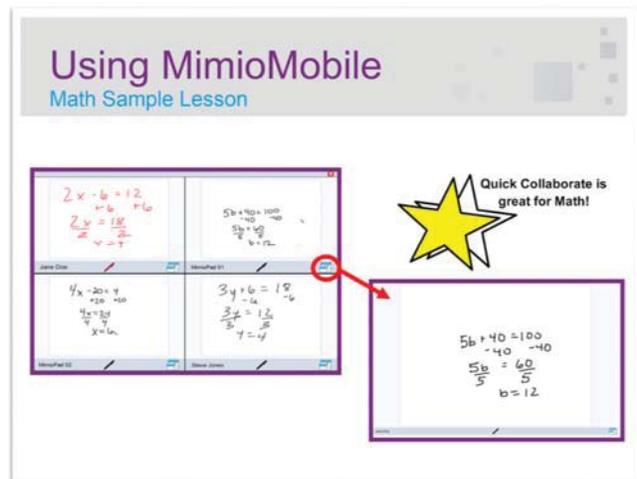
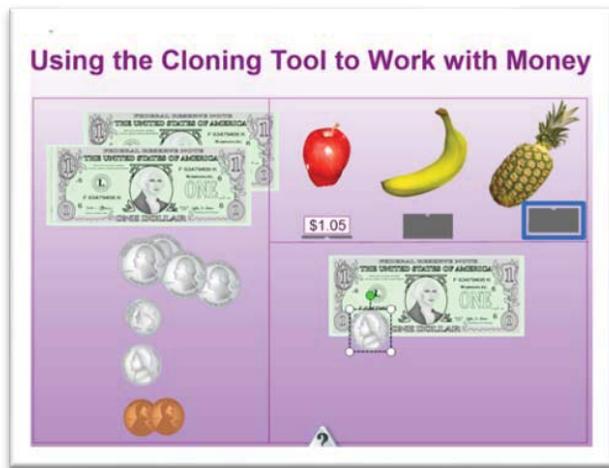
Windows Computer or Laptop
Mac Computer or Laptop
iPad
iPhone
Windows or Android Tablet
Apple, or Android Smart Phone...

Real World Learning | For example, the teacher might choose to start a lesson by displaying the first slide below on the panel at the front of the class. The objective of the lesson is for students to understand there are multiple ways to get to \$1.05 to buy an apple. One way is with a dollar bill and a nickel. After modeling dragging a dollar and a nickel into the work area, the teacher could then “push” the activity to all the students, so they could find a different way to come up with \$1.05. At any time the teacher can display all students work simultaneously, hide all students work, choose to display one student's work, or pick a group (any number will work) of students to display at one time. In the algebra example below, the teacher has chosen to display the work of four students simultaneously.

Real Time Collaboration | Students and teachers can collaborate on student work real time, the student working at their seat, and the teacher working at the board. Both can annotate, move, drag, drop etc.



Real Time Assessment I Having immediate feedback is helpful for both students and teachers. MimioMobile makes administering assessments on the fly as easy pie! Simply activate quick vote, choose your question type, send it out to the students, and you are good to go! Please reference screen shots and examples on page **xXXX**



Innovative Instructional Environment

Dynamic Learning I MimioStudio™ classroom software brings dynamic learning to the classroom. Its easy to understand interface allows educators to create interactive lessons, collaborative and team activities, as well as performing real-time formative assessment. MimioStudio Gallery includes extensive resources teachers can incorporate to enhance lesson content in every subject area across all grade levels. The included ActivityWizard offers a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in minutes.

Collaborative Creativity I The combined features of MimioStudio software create a collaborative learning environment that encourages creativity and student participation. Using the software teachers can create customized, active and engaging lessons. It lends itself to every instruction methodology including flipped classroom and blended learning. With the information provided by the assessment tools, instructors have what is needed at their disposal to be able to gauge the class's level of comprehension with the lesson material. This allows the teacher to meet individual needs and make adjustments in real time.

Licensing & Availability

Student Home License I Exceeds Specs I Students who would like to use the Home edition of MimioStudio Notebook software may download it for free off of Boxlight's website.

<http://news.mimio.boxlight.com/mimiostudio-software-download>

ProColor 702U

Students will see everything with Boxlight's vibrant 70" ProColor interactive LCD flat panel Android display. Touch technology and collaboration are brought to life with the brilliance of 4K ultra high-definition.



Features

- 70" interactive flat panel display.
- Up to twenty single-point touch users or ten dual-touch and gestures users can work simultaneously with Touch 360° interactivity, driving collaborative learning. *
- Built-in Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

* Multi-touch available on Windows systems. Mac and Linux are single touch.

To learn more, visit boxlight.com/procolor or call 866.972.1549.

Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Wi-Fi module

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,664 mm x 1,035 mm x 97 mm (65.5 in. x 40.7 in. x 3.82 in.)
Net Weight	56 kg (123.5 lb.)
Packaged Dimensions (W x H x D)	1,803 mm x 1,160 mm x 243 mm (71.0 x 45.67 in. x 9.6 in.)
Gross Weight	68 kg (150.0 lb.)
Effective Screen Size (W x H)	1,549 mm x 871 mm (61.0 in. x 34.3 in.)
Active Screen Size (Diagonal)	70 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	8 ms
Refresh Frequency	60 Hz
Pixel Pitch	0.807 mm x 0.807 mm
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	300 nits
Contrast Ratio	4,000:1

Viewing Angle	Hor. 178°, Ver. 178°
Backlight Life (estimated)	50,000 hours
Touch Tracking	
Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	20-Touch: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Accuracy	+/-2mm (0 in.)
Tracking Read Speed	>125 frames/s
Tracking Response Time	4 ms
Tracking Points	32,767 x 32,767
Safety	
Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs
Connections	
Input/Output	Input: - VGA x 1 - HDMI x 2 - HDMI 4K2K x 1 - PC audio x 1 - DisplayPort x 1 Output: - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 3 (2 in front, 1 on side) - USB 3.0 x 1 (side) - RS-232 x 1 - LAN RJ-45 x 1
Audio	

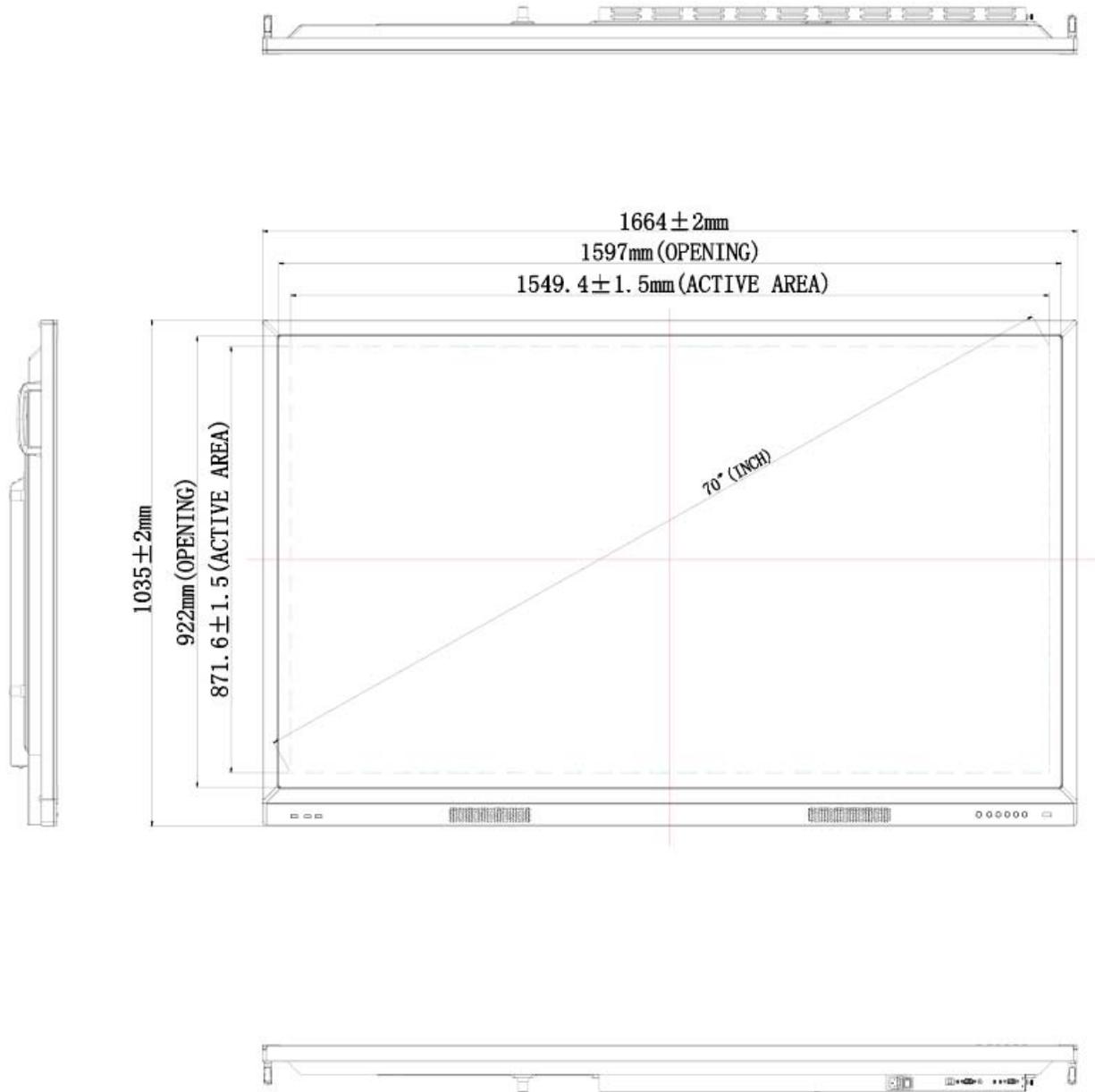
Output	12 W x 2 into internal 8 Ohm speakers
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
Environmental	
Storage Temperature	-20° to 60° C (-4° to 140° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption (Operating)	350 W
Power Consumption (Sleep Mode)	<0.5 W
Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	600 x 400 mm
Accessories	
HDMI Cable	1 x 3 m
AC Power Cable	1 x 3 m
USB Cable	1 x 5 m
Passive Stylus	3 x magnetic

Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

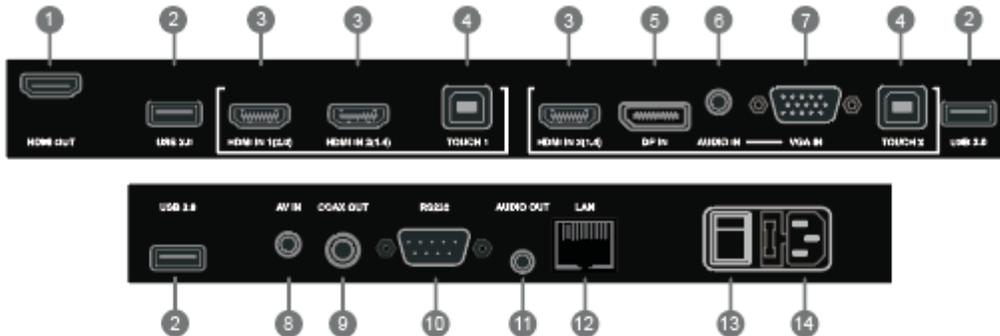
What's in the box:

- Hardware
 - Magnetic stylus x 3
 - Remote control with batteries
- Documentation
 - MimioStudio license
 - Warranty card
 - QuickStart Guide
- Cables
 - HDMI cable (5 m)
 - USB A-to-B for touch (5 m)
 - US power cord (3 m)

Drawings



Connections



Items	Function description
① HDMI OUT	Connected to the devices with HDMI input function
② USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
③ HDMI IN	High-definition multimedia interface signal input, connect to PC with HDMI output, set-top box, or other video device
④ TOUCH	Touch signal output to the external computer
⑤ DP	Connected to devices with DisplayPort output function
⑥ AUDIO IN	External computer audio input
⑦ VGA IN	External computer image input
⑧ AV IN	Composite video and audio input
⑨ COAX OUT	Coaxial output
⑩ RS232	Serial interface, used for mutual transfer of data between devices
⑪ AUDIO OUT	Audio output to the external speaker
⑫ LAN	Connecting RJ45 terminals
⑬ AC SWITCH	To open or shut down AC power supply. " I " means power on, " O " means power off
⑭ AC IN	AC power input, connecting AC power supply

Specifications are subject to change without notice.

ProColor 752U

Students will see everything with Boxlight's vibrant 75" ProColor interactive LCD flat panel Android display. Touch technology and collaboration are brought to life with the brilliance of 4K ultra high-definition.



Features

- 75" interactive flat panel display.
- Up to 20 single-point users or 10 dual-touch and gestures users with Touch 360° interactivity, driving collaborative learning to a new level.*
- Built-in Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

* Multi-touch available on Windows systems. Mac and Linux are single touch.

To learn more, visit boxlight.com/procolor or call 866.972.1549.

Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Android module
- Wi-Fi module

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,764 mm x 1,043 mm x 100 mm (69.5 in. x 41.1 in. x 3.9 in.)
Net Weight	58 kg (127.7 lb.)
Packaged Dimensions (W x H x D)	1,913 mm x 1,225 mm x 280 mm (75.3 in. x 48.2 in. x 11.0 in.)
Gross Weight	82 kg (180.8 lb.)
Effective Screen Size (W x H)	1,650 mm x 928 mm (65.0 in. x 36.5 in.)
Active Screen Size (Diagonal)	75 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	8 ms
Refresh Frequency	60 Hz
Pixel Pitch	0.43 mm x 0.43 mm
Pixel Density	59.1 DPI (dots per inch)
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)

Brightness (typical)	350 nits
Contrast Ratio	1,200:1
Viewing Angle	Hor. 178°, Ver. 178°
Backlight Life (estimated)	50,000 hours

Touch Tracking

Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	20-touch: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Accuracy	+/-2mm (0 in.)
Tracking Read Speed	>125 frames/s
Tracking Response Time	12 ms (typical)
Tracking Points	32,767 x 32,767

Safety

Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs

Connections

Input/Output	<p>Input:</p> <ul style="list-style-type: none"> - VGA x 1 - HDMI-4K V1.4 x 2 - HDMI-4K V2.0 x 1 - PC audio x 1 - DisplayPort x 1 <p>Output:</p> <ul style="list-style-type: none"> - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 <p>USB:</p> <ul style="list-style-type: none"> - USB 2.0 x 4 (2 in front, 1 on side, 1 on the bottom) - USB 3.0 x 2 (1 in front, 1 on side)
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	- USB 2.0 Type-B for touch control (on side)
Audio	
Output	12 W x 2
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
Environmental	
Storage Temperature	-20° to 60° C (-4° to 122° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption (Operating)	400 W
Power Consumption (Sleep Mode)	<0.5 W
Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	800 by 400 mm
Accessories	
HDMI Cable	1 x 3 m
AC Power Cable	1 x 3 m

USB Cable	1 x 5 m
Passive Stylus	3 x magnetic
Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

What's in the box:

Hardware

- Magnetic stylus x 3
- Remote control with batteries

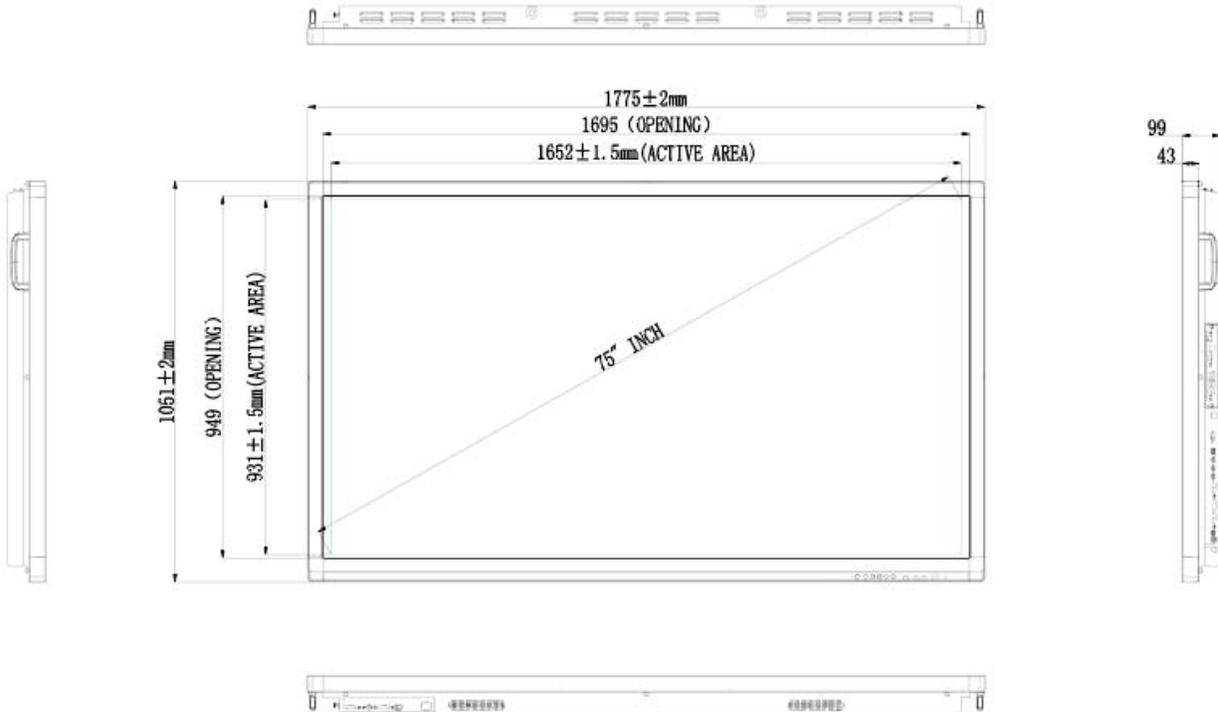
Documentation

- MimioStudio license
- Warranty card
- QuickStart Guide

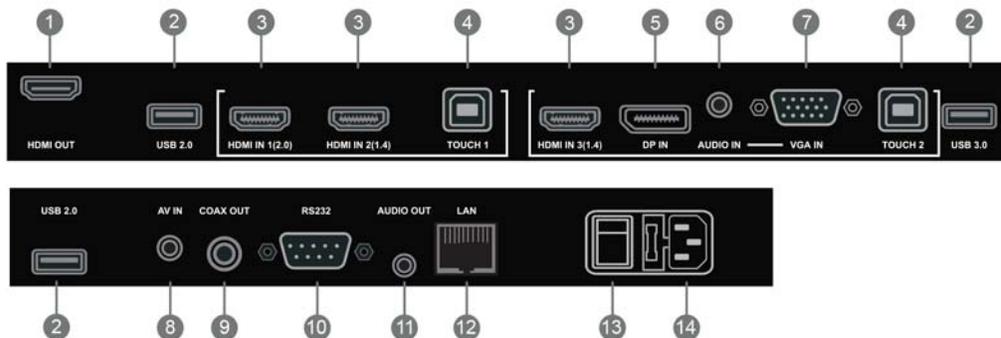
Cables

- HDMI cable (3 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)

Drawings



Connections



Items	Function description
① HDMI OUT	Displays whatever is on the screen, including Android annotation.
② USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
③ HDMI IN	HDMI input
④ TOUCH	Touch signal output for connection to external computer
⑤ DP	DisplayPort input
⑥ AUDIO IN	Line level audio input
⑦ VGA IN	VGA input
⑧ AV IN	Composite video + audio input - 3.5mm 4-conductor
⑨ COAX OUT	Digital audio output - "RCA" connector
⑩ RS-232	Control interface
⑪ AUDIO OUT	Output to an external amplifier and speaker
⑫ LAN	RJ-45 connector
⑬ AC SWITCH	Master power switch
⑭ AC IN	AC power input

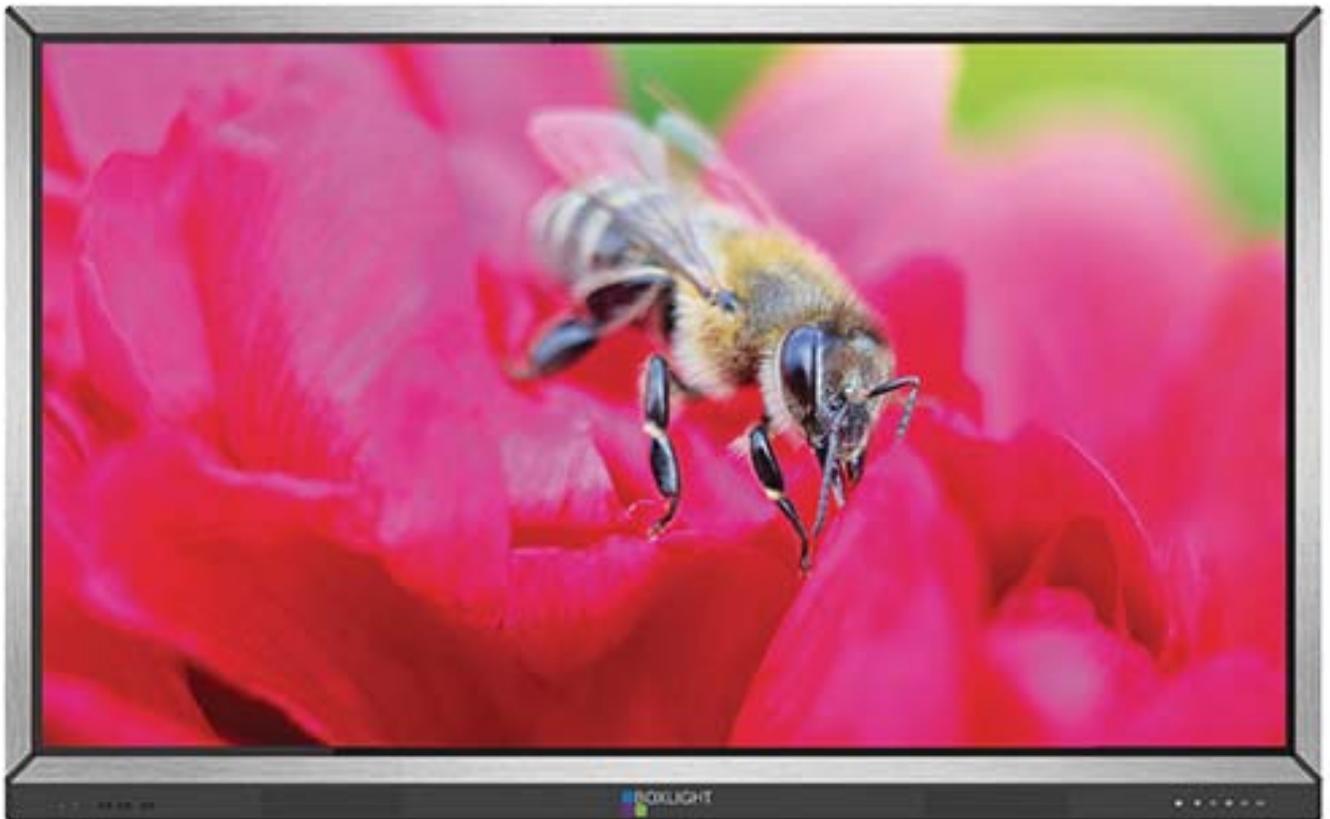
HDMI = High-definition multimedia interface

Specifications are subject to change without notice.

To learn more, visit boxlight.com/procolor or call 866.972.1549.

ProColor 862U

Students will see everything with Boxlight's vibrant 86" ProColor interactive LCD flat panel Android display. Touch technology and collaboration are brought to life with the brilliance of 4K ultra high-definition.



Features

- 86" interactive flat panel display.
- Up to 20 single-point users or 10 dual-touch and gestures users with Touch 360° interactivity, driving collaborative learning to a new level.*
- Built-in Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

* Multi-touch available on Windows systems. Mac and Linux are single touch.

To learn more, visit boxlight.com/procolor or call 866.972.1549.

Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Android module
- Wi-Fi module

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	1,988 mm x 1,178 mm x 99.6 mm (78.3 in. x 46.4 in. x 3.9 in.)
Net Weight	78 kg (172 lb.)
Packaged Dimensions (W x H x D)	2,211 mm x 1,370 mm x 280 mm (87.1 in. x 53.9 in. x 3.9 in.)
Gross Weight	105 kg (231.5 lb.)
Effective Screen Size (W x H)	1,895 mm x 1,065 mm (74.6 in. x 41.9 in.)
Active Screen Size (Diagonal)	86 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	8 ms
Refresh Frequency	60 Hz
Pixel Pitch	0.49 mm x 0.49 mm
Pixel Density	51.5 DPI (dots per inch)
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	350 nits

Contrast Ratio	1,200:1
Viewing Angle	Hor. 178°, Ver. 178°
Backlight Life (estimated)	50,000 hours
Touch Tracking	
Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	20-touch: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Accuracy	+/-2mm (0 in.)
Tracking Read Speed	>125 frames/s
Tracking Response Time	12 ms (typical)
Tracking Points	32,767 x 32,767
Safety	
Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs
Connections	
Input/Output	Input: - VGA x1 - HDMI-4K V1.4 x 2 - HDMI-4K V2.0 x 1 - PC audio x 1 - DisplayPort x 1 Output: - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 4 (2 in front, 1 on side, 1 on the bottom) - USB 3.0 x 2 (1 in front, 1 on side)

	<ul style="list-style-type: none"> - USB 2.0 Type-B for touch control (on side) - RS-232 x 1 - LAN RJ-45 x 1
Audio	
Output	12 W x 2
Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
Environmental	
Storage Temperature	-20° to 60° C (-4° to 122° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption (Operating)	500 W
Power Consumption (Sleep Mode)	<0.5 W
Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	800 x 600 mm
Accessories	
HDMI Cable	1 x 3 m
AC Power Cable	1 x 3 m

USB Cable	1 x 5 m
Passive Stylus	3 x magnetic
Remote Control	1 (with batteries)
Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 5.1 "Jelly Bean"
CPU	ARM Cortex A53 Dual Core
GPU	Quad Core
RAM	2 GB
ROM	16 GB

What's in the box:

Hardware

- Magnetic stylus x 3
- Remote control with batteries

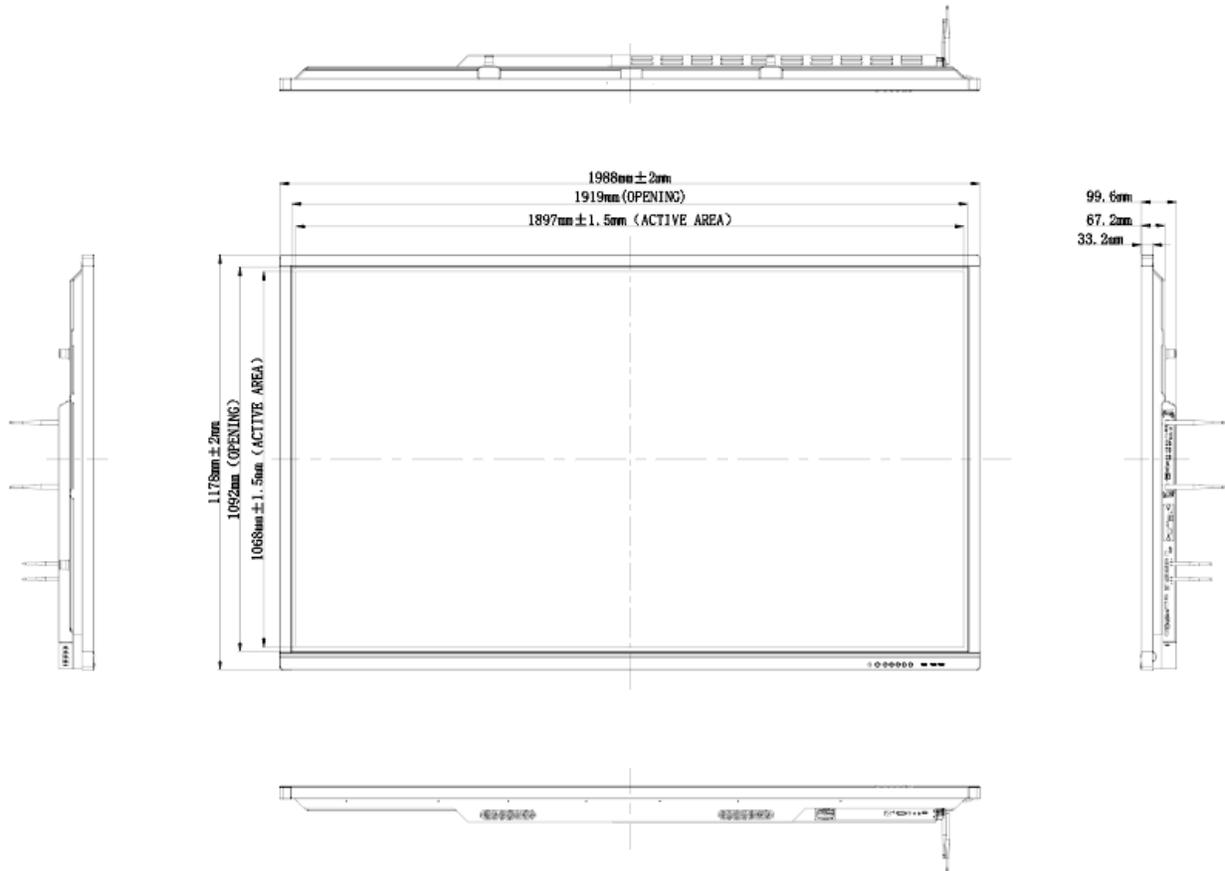
Documentation

- MimioStudio license
- Warranty card
- QuickStart Guide

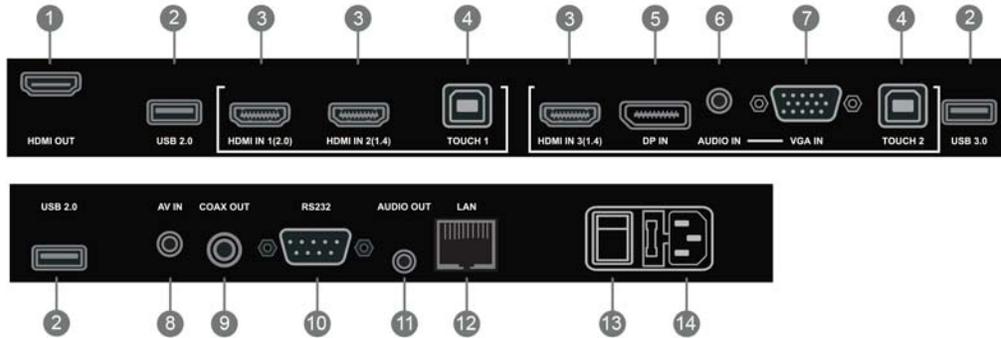
Cables

- HDMI cable (3 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)

Drawings



Connections



Items	Function description
① HDMI OUT	Displays whatever is on the screen, including Android annotation.
② USB	Connect USB devices such as mobile hard disk, U disk, USB keyboard and mouse, USB drives, etc.
③ HDMI IN	HDMI input
④ TOUCH	Touch signal output for connection to external computer
⑤ DP	DisplayPort input
⑥ AUDIO IN	Line level audio input
⑦ VGA IN	VGA input
⑧ AV IN	Composite video + audio input - 3.5mm 4-conductor
⑨ COAX OUT	Digital audio output - "RCA" connector
⑩ RS-232	Control interface
⑪ AUDIO OUT	Output to an external amplifier and speaker
⑫ LAN	RJ-45 connector
⑬ AC SWITCH	Master power switch
⑭ AC IN	AC power input

HDMI = High-definition multimedia interface

Specifications are subject to change without notice.

ProColor 982U

Students will see everything with Boxlight's vibrant 98" ProColor interactive LCD flat panel Android display. Touch technology and collaboration are brought to life with the brilliance of 4K ultra high-definition.



Features

- 98" interactive flat panel display.
- Up to 20 single-point users or 10 dual-touch and gestures users with Touch 360° interactivity, driving collaborative learning to a new level.*
- Built-in Android OS for touch control plus Whiteboard app.
- 4K video resolution (3,840 x 2,160).
- LED backlighting for energy efficiency.
- Includes MimioStudio™ classroom software with 3-device MimioMobile™ license.

* Multi-touch available on Windows systems. Mac and Linux are single touch.

To learn more, visit boxlight.com or call 866.972.1549.

Options

- Internal Windows 10 PC (available with Intel i5 or i7)
- Wall mount
- Android module
- Wi-Fi module

Specifications

Dimensions and Weight	
Overall Dimensions (W x H x D)	2,257 mm x 1,335 mm x 110 mm (78.3 in. x 46.4 in. x 3.9 in.)
Net Weight	150 kg (172 lb.)
Packaged Dimensions (W x H x D)	2,450 mm x 1,555 mm x 385 mm (87.1 in. x 53.9 in. x 3.9 in.)
Gross Weight	200 kg (231.5 lb.)
Effective Screen Size (W x H)	2,159 mm x 1214 mm (74.6 in. x 41.9 in.)
Active Screen Size (Diagonal)	98 in.
Image	
Display Format Native Resolution	3,840 x 2,160
Aspect Ratio	16:9
Picture Response Time (Gray to Gray)	5 ms
Refresh Frequency	120 Hz
Pixel Pitch	0.49 mm x 0.49 mm
Panel Resolution	3,840 x 2,160
Display Colors	1.07 B (10-bit)
Brightness (typical)	440 nits
Contrast Ratio	1,300:1

Viewing Angle	Hor. 178°, Ver. 178°
Backlight Life (estimated)	50,000 hours
Touch Tracking	
Tracking Technology	Touch 360° Infrared
Touch Points Operating Systems	10-touch for gestures, 5 for writing: Windows 7+ Single touch: Mac OS 10.8+, Linux, Chrome
Touch Tool	Stylus, finger (even if gloved), or solid object
Tracking Response Time	< 6 ms
Tracking Points	32,767 x 32,767
Safety	
Anti-Glare Glass	Yes
Protective Glass	4 mm tempered glass Level 7 Mohs
Connections	
Input/Output	Input: - VGA x3 - HDMI x 3 - HDMI 4K2K x 1 - PC audio x 3 - DisplayPort x 1 Output: - VGA x 1 - HDMI x 1 - Earphone out x 1 - Digital audio output coax x 1 USB: - USB 2.0 x 4 (3 in front, 1 on side) - USB 3.0 x 1 (side) - RS-232 x 1 - LAN RJ-45 x 1 - USB for Touch x 1
Audio	
Output	10 W x 2 into internal 8 Ohm speakers

Sound System	Stereo
Equalizer	Yes
Sound Status Memory	Yes
Balance	Yes
Environmental	
Storage Temperature	-20° to 60° C (-4° to 122° F)
Storage Humidity	10% to 90%
Operating Temperature	0° to 40° C (32° to 104° F)
Operating Humidity	10% to 90%
Power Requirement	100–240 VAC 60/50 Hz
Power Consumption (Operating)	650 W
Power Consumption (Sleep Mode)	<0.5 W
Mount	
Mounting Screw Size	M8 x 25 mm
VESA Form Factor	800 x 600 mm
Accessories	
HDMI Cable	1 x 5 m
AC Power Cable	1 x 3 m
USB Cable	1 x 5 m
Passive Stylus	3 x magnetic
Remote Control	1 (with batteries)

Wall Mount	Optional
Internal PC Module	Optional
Android	
Version	Android 4.2.1 "Jelly Bean"
CPU	ARM Cortex 9 A Dual Core
GPU	Quad Core
RAM	1.5 GB
ROM	8 GB

What's in the box:

Hardware

- Magnetic stylus x 3
- Remote control with batteries

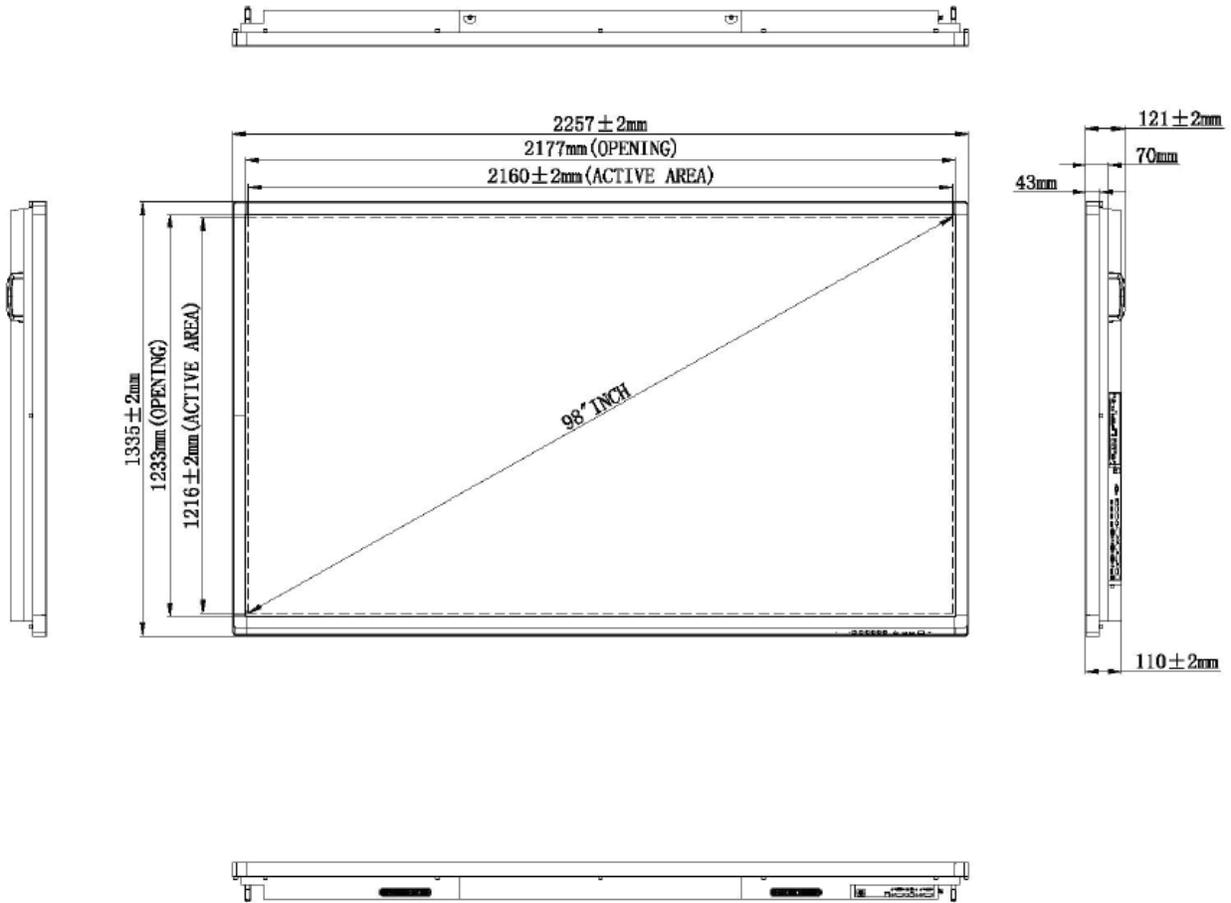
Documentation

- MimioStudio license
- Warranty card
- QuickStart Guide

Cables

- HDMI cable (5 m)
- USB A-to-B for touch (5 m)
- US power cord (3 m)

Drawing



Specifications are subject to change without notice.

ProColor Display Internal PC

The ProColor Internal PC feature allows you to have a brilliant high-definition display with a built-in classroom computer. Everything is simplified with our one device solution—from setup to usability.



Features

- Plug-in Windows PC
- Available in i5 or i7 configurations
- 128 GB solid state drive (SSD)
- Connections:
 - 6 x USB 3.0
 - 1 x Display port
 - 1 x HDMI video port for 4K



Specifications

	i5 VERSION	i7 VERSION
General		
Type	Plug-in PC module	
Model	ProColor-PCMODi5V2	ProColor-PCMODi7V2
Configuration		
CPU	Intel i5	Intel i7
RAM	8 GB	
Drive	256 GB Solid State Drive (SSD)	
Graphics	Integrated Intel HD Graphics	
LAN	Integrated 10/100/1000M RJ-45	
Wi-Fi	Integrated 802.11ac (2.4GHz/5GHz)	
Supported Operating Systems	Windows 7 and above	
Provided Operating System	Windows 10	
Connections		
USB	6 x USB 3.0	
VGA	1 x 15-pin	
HDMI	1 x	
Power		
Power Requirements	100–240 VAC 50/60Hz 95W	
Standby Power	1.35 W	

To learn more, visit boxlight.com/procolor or call 866.972.1549.

Physical	
Product Dimensions	246.2 mm x 265.4 mm x 32.2 mm
Packaged Dimensions	353 mm x 312 mm x 91 mm
Product Weight	1.9 kg
Packaged Weight	2.4 kg
Environmental	
Operating Temperature	0°C to 45°C
Operating Humidity	10% to 90%
Storage Temperature	-20°C to 60°C
Storage Humidity	10% to 90%

Specifications are subject to change without notice.

What's in the Box:

- PC module
- 2 x Wi-Fi antenna



LED WALL LITE

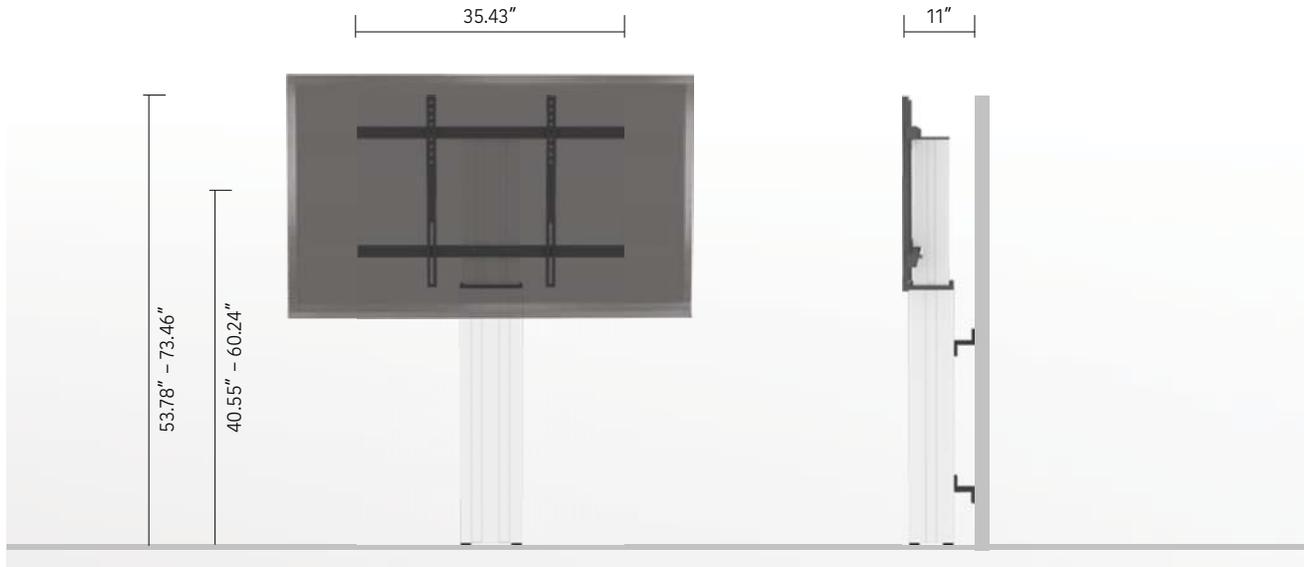
Boxlight's motorized LED Wall Mount Lite provides up to 20" of height adjustability. Ergonomic design makes it easy for teachers and students to work comfortably.

Simple, push-button control makes operation fast and easy. The Boxlight LED Wall Lite system supports Boxlight ProColor 55" to 75" flat panel displays, supporting the weight with a center column. Can be installed on any type wall, or over an existing dry erase board. UL approved and ADA compliant, the system is maintenance free and comes with a 5 year warranty.

- 20 " of Smooth, motorized height adjustment
- Mounts to any wall and over existing whiteboards
- Supports 55 " to 75" displays
- Comes complete with display mount.
- Ships in 1 carton
- Maintenance free, UL approved
- Quick and easy mounting to any wall
- 5 year manufacturer's warranty

BOXLIGHT.COM

SPECIFICATIONS



MODEL	LED-WALL-LITE
Display size range	55" - 75"
Height adjustment range	20" electrically motorized
VESA pattern	Up to 800 x 600
Load capacity	330 lbs
Shipping weight	61 lbs
Warranty	5 year
Regulatory	UL approved
Power	110-220 VAC



Levelling feet and 2 wall mounting brackets for optimum stability

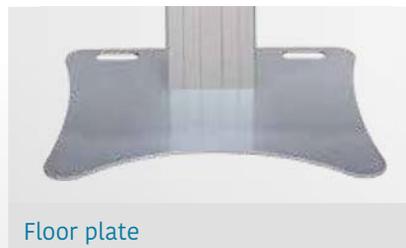


Pull & release locking brackets for easier mounting of display



Wired remote control included

AVAILABLE ACCESSORIES

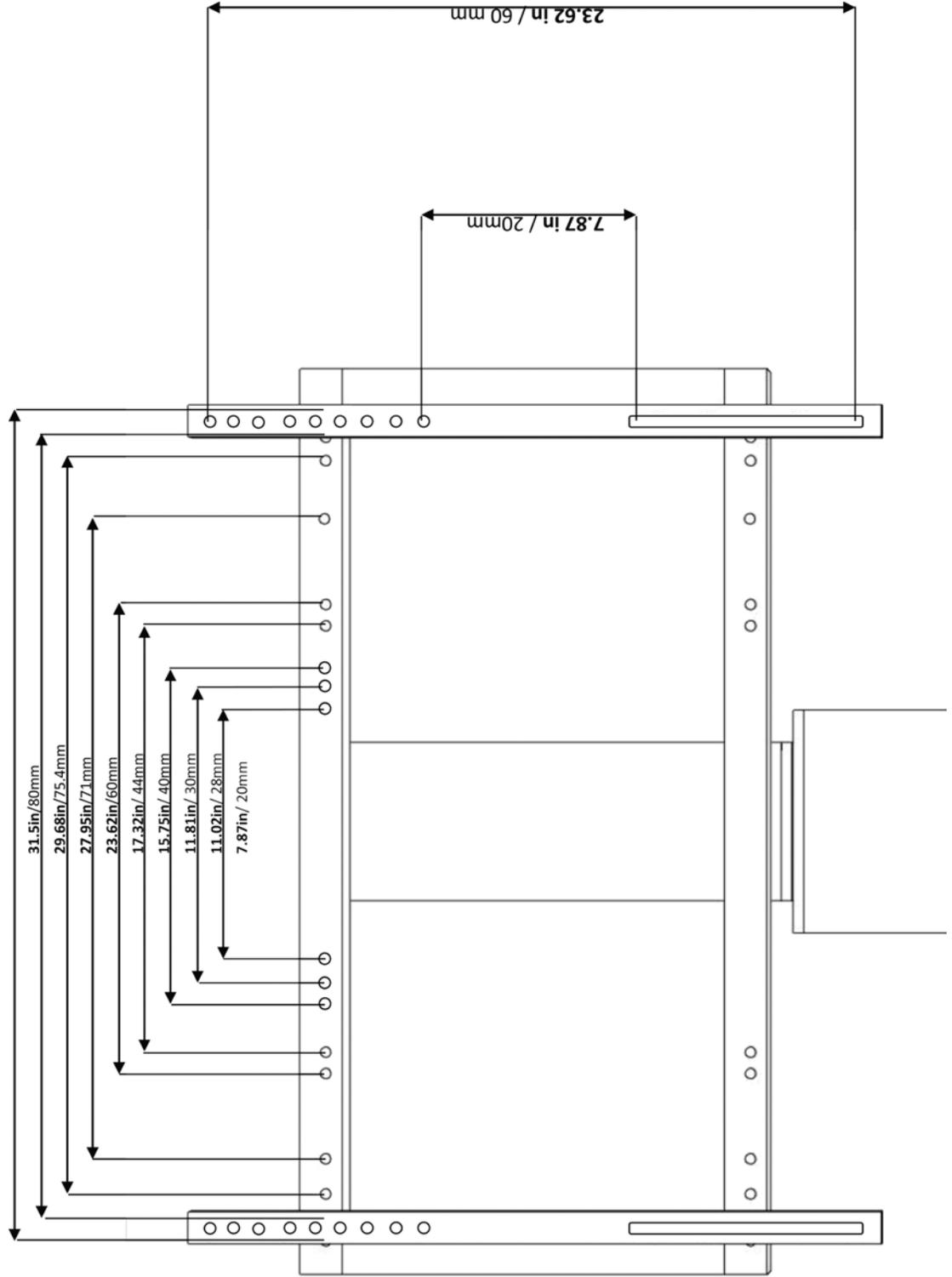


WHAT'S IN THE BOX

VESA mount, Leveling feet, Wall brackets x 2, AC power cord x 1, Wired height adjustment motor control x 1

Rainier LED-WALL

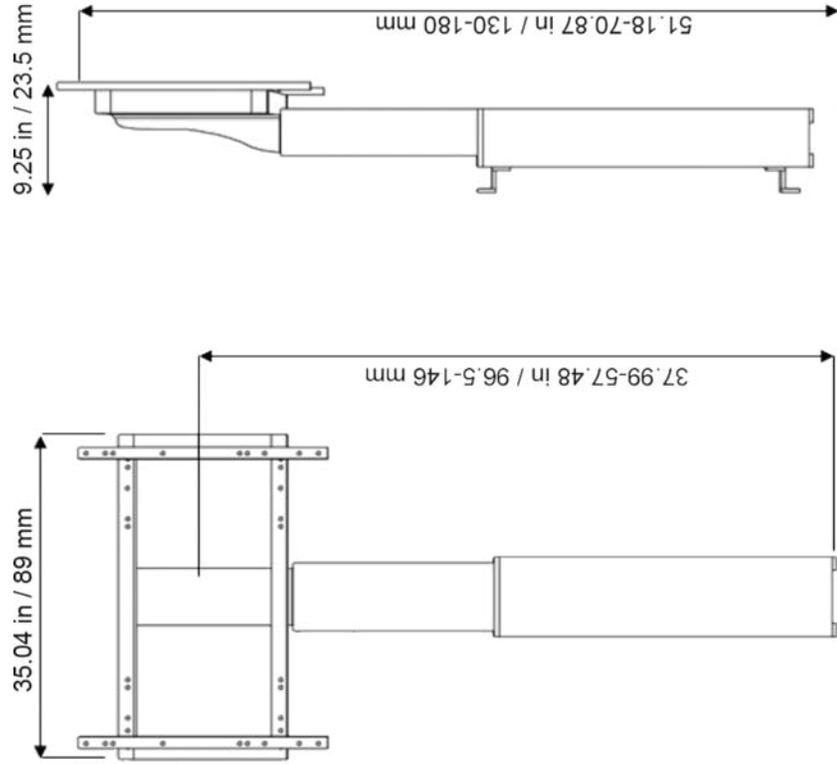
Height Adjustable
Mobile Mount
for
Interactive Flat
Panels



Rainier LED-WALL

Height Adjustable
Wall Mount
for
Interactive Flat
Panels

More than mere mounting systems: essential interactive teaching tools.
Electrical height adjustable column system for wall
mounting for interactive monitors from 42 to 100 inches.



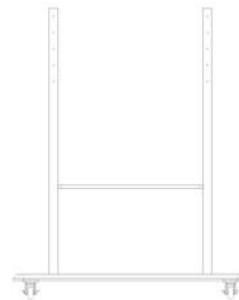
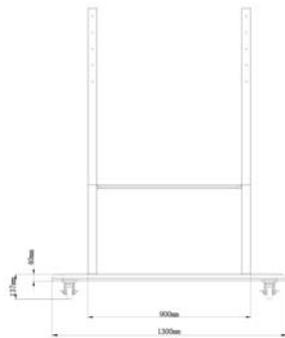
Rainier-50CMCLM	Electrical height adjustable column for wall mounting or mobile use. For height adjustable or height adjustable and tiltable stands. For use with IP or IPPD, US-cable. 19.68 in / 50 cm vertical adjustment. Four button remote control.
Rainier-HADJ	Frame for height adjustable and tiltable stands. For use with IP or IPPD.
Maximum Load	> 551.16 lbs / 250 kg
System Weight	Approx. 121.25 lbs / 55 kg

www.boxlight.com
phone: 360-464-2119

ProColor-Mobile200 | Product Specification



Dimensions:



Product Specifications:

Physical Specifications

Dimension (L*W*H)	1300*650*1610mm	
Dimension with Package (L*W*H)	1537*660*125mm	
Gross Weight	45kg	
Net Weight	36.5kg	
Max Load	150kg	
Max Load Size	Below 98 inch(including 98 inch)	
Truckle	Size	122*94*106mm
	Material	Nylon
	Type	Non mute
Support wall-haning	9060A	

Accessories

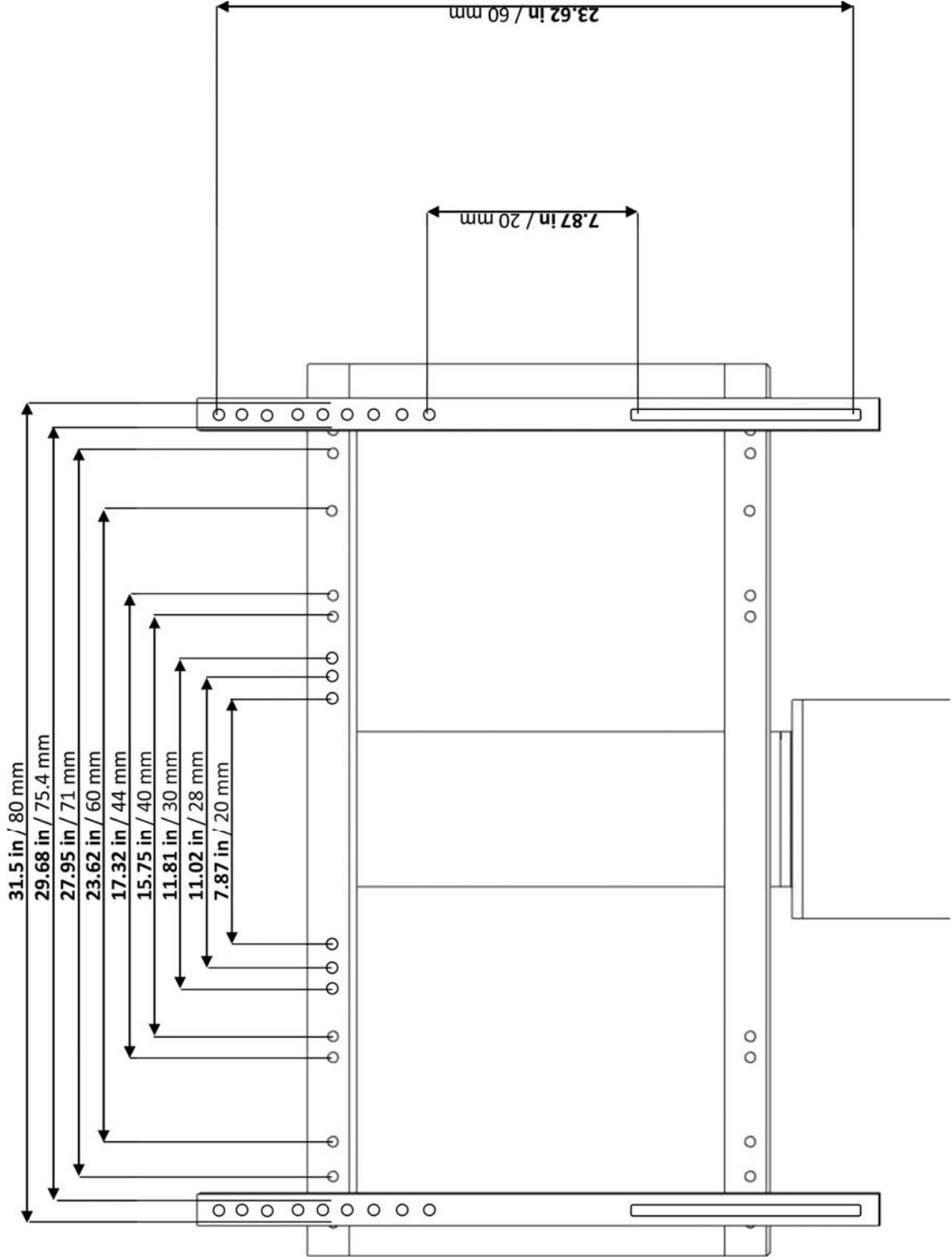
Quick Start Guide	1
Screw Accessory Package	1

Environmental Conditions

Operation Temperature	0°C - 40°C
Operation Humidity	10% - 90%
Storage Temperature	-20°C -60°C
Storage Humidity	10% - 90%

Rainier
IFPD-MOB

Height Adjustable
Mobile Cart
for
Interactive Flat
Panels

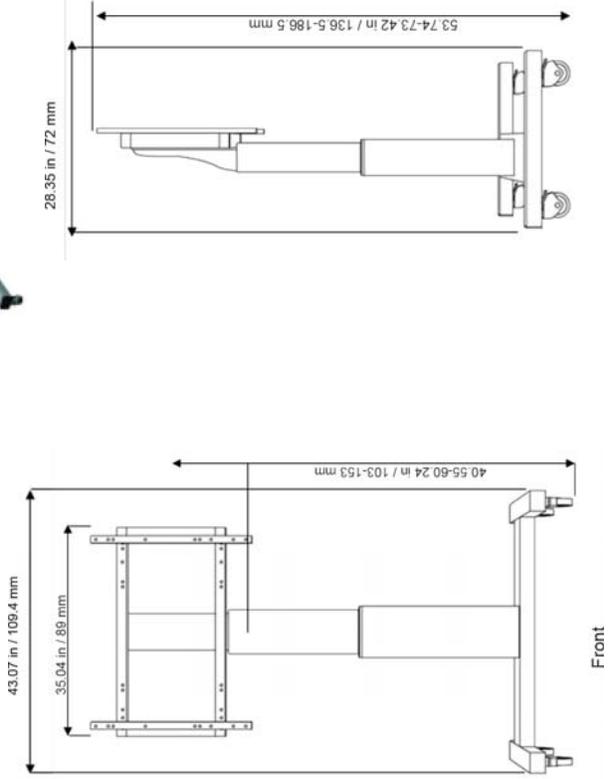


Rainier IFPD-MOB

Height Adjustable
Mobile Cart
for
Interactive Flat
Panels

More than mere mounting systems: essential interactive teaching tools.

Mobile stand with electrical height and adjustable column system for interactive monitors from 42-100 inches.

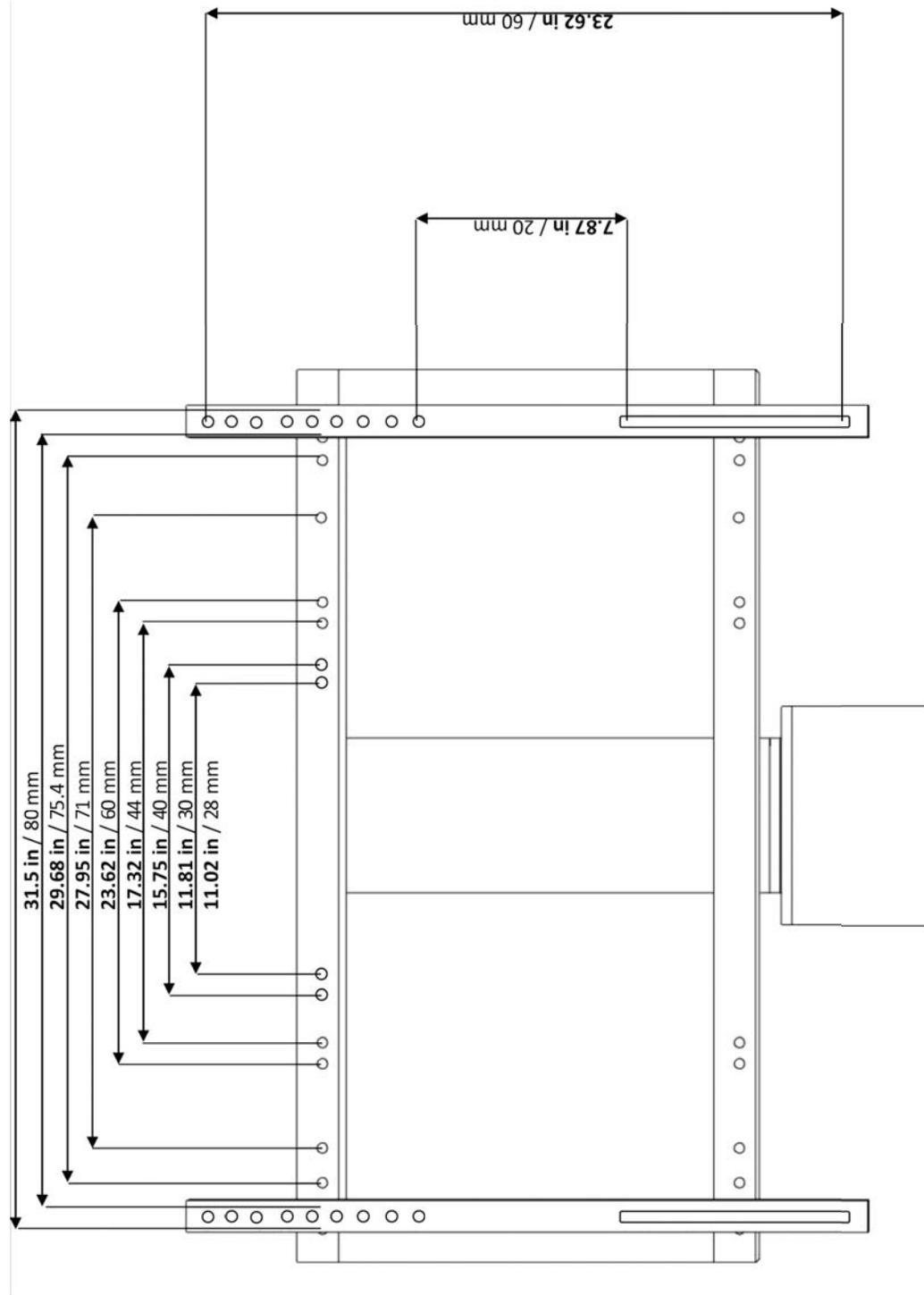


Rainier-Mobile Base	Mobile base standard
Rainier-50CMCLM	Electrical height adjustable column for wall mounting or mobile use. For height adjustable or height adjustable and tiltable stands. For use with IP or IFPD, US-cable. 19.68 in / 50 cm vertical adjustment. Four button remote control.
Rainier-HADJ	Frame for height adjustable mounts. For use with IFPD.
Maximum Load	> 330 lbs / 149 kg
System Weight	Approx. 165.35 lbs / 75 kg

www.boxlight.com
 phone: 360-464-2119
 text 'rainier' to 51555

Rainier
**IFPD-
MOBTLT**

Height Adjustable
Mobile Cart
for
Interactive Flat
Panels

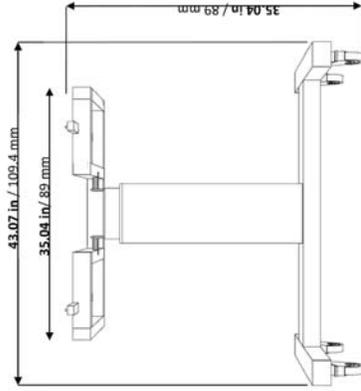
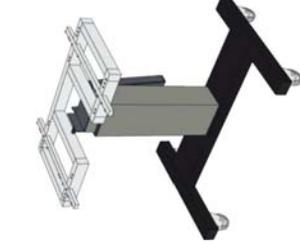
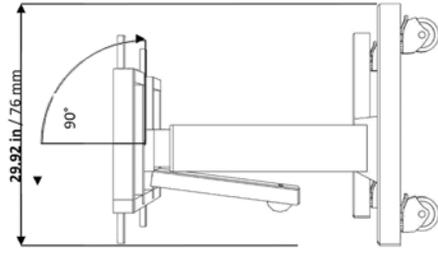
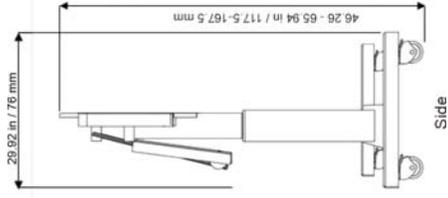
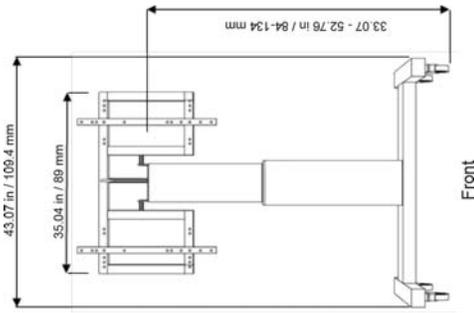


Rainier IFPD- MOBTLT

Height Adjustable
Mobile Cart
for
Interactive Flat
Panels

More than mere mounting systems: essential interactive teaching tools.

Mobile stand with electrical height. Adjustable and tiltable column system for interactive monitors from 46-100 inches.



Rainier-Mobile Base	Mobile base standard
Rainier-50CMCLM	Electrical height adjustable column for wall mounting or mobile use. For height adjustable or height adjustable and tiltable stands. For use with IP or IFPD, US-cable. 19.68 in / 50 cm vertical adjustment. Four button remote control.
Rainier-TADJ	Frame for height adjustable and tiltable stands. For use with IP or IFPD.
Maximum Load	> 330 lbs / 149 kg
System Weight	Approx. 165.35 lbs / 75 kg

www.boxlight.com
phone: 360-464-2119
text 'rainier' to 51555



Sound Bar Classroom Sound System

Create an immersive classroom learning experience with Boxlight's Sound Bar. The entire class will hear and experience every aspect of the interactive lesson. The Sound Bar connects easily with Bluetooth compatible enabled devices.

MODEL	SOUND BAR WITH EXTERNAL WIRED SUBWOOFER
Material	High-grade ABS
Input	Bluetooth , AUX in, USB, Optical, FM
Frequency response	40HZ-20K HZ
Speakers	4*full Range+2*Tweeters+5.25 inch wired Subwoofer
Output	80W
Input Power	DC 24V, 4A
Channle	2.1
Sound bar Dimension	L720mm x W(84)m*H(72)mm
Subwoofer Dimension	L(310)mm*W(160)mm*H(190)mm
Distortion	<1%
STN	≥115dB
Meas	84*15*19cm
Qty	1 Pcs/Ctn
Gross Weight	8.5KG

DETAILS





MimioStudio classroom software

Powerful collaboration and classroom assessment software that allows you to create your first interactive lesson in under 5 minutes.

MimioStudio™ classroom software powers all the MimioClassroom™ products, so using other tools— from the document camera to the pen tablet, is quick and easy. It also powers almost any interactive display, so you can bring dynamic learning to your classroom no matter what display you have.

MimioStudio software allows educators to create interactive whiteboard lessons as well as collaborative and team activities, and perform real-time formative assessment. Take learning even further with our MimioMobile™ app, which allows group learning and collaboration on almost any device.

- Teachers can create assessments with short-answer, short-essay, and numeric student responses, helping to gauge what students are comprehending.
- Includes MimioStudio Gradebook, which automatically records multiple choice, numeric, and short-answer responses to assessment questions, and eliminates the need for teachers to hand-grade tests.
- Imports files from SMART, Promethean, PowerPoint, Common File Format (IWB), and video, so teachers can use the content they already have.
- Designed to be used with interactive whiteboards and displays from other manufacturers,* with support for pens, single touch, multi-touch, and gestures.
- Connect up to three mobile devices using the MimioMobile app, free with any MimioStudio license. Connect every mobile device in the classroom with the purchase of an annual MimioMobile license.
- ActivityWizard offers a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in minutes.



“The MimioStudio Collaborate feature makes small-group work even more meaningful when students can share their work in the front of the classroom.”

Melissa Haney, First Grade Teacher

To learn more, visit mimio.boxlight.com/mimiostudio or call 866.972.1549.



Perform assessment and collaborative activities on almost any device with our MimioMobile app.

With the MimioMobile app, students can work on MimioStudio activities on their devices, and teachers can share any combination of the students' work on the front-of-the-class display. Students get greater collaborative and cooperative learning, and teachers get a more in-depth understanding of their students' comprehension. The MimioMobile app is compatible with almost any device, from Apple® and Android™ devices to Chromebooks™.



Features

Lesson Creation

- MimioStudio Notebook, multi-page workspace.
- Easy-to-use toolbar with powerful interactive tools.
- Object locking
- Adjustable transparency
- Object cloning
- Templates and backgrounds.

Content and Resources

- MimioStudio Gallery
- ActivityWizard, built-in activity creator.
- Online Gallery with free resources from mimioconnect.com.

Collaborative Tools

- The NEW, expanded Collaborate feature allows full classroom collaborative learning options (up to 50 student devices), with any mix of MimioPad tablets and mobile devices running the MimioMobile app.
- MimioStudio software allows up to 3 mobile-device connections with the MimioMobile app. Connect every mobile device in the classroom with the purchase of an annual MimioMobile license.
- MimioStudio Collaborate – Connect multiple MimioPad tablets and/or mobile devices equipped with the MimioMobile app, and students can work interactively in small groups.
- Pass desktop control to students using MimioPad

tablets and/or mobile devices with the MimioMobile app.

Drawing Tools

- Color settings
- Brush tool
- Pen tool
- Highlighter
- Line styles
- Shapes
- Grids

Assessment

- MimioStudio Gradebook – Store testing results automatically from MimioVote assessment and MimioMobile app.
- Create questions that require short-answer or numeric responses, when using a mobile device with the MimioMobile app for assessment.
- Percentage and points-based grading.
- Export to third-party-compatible gradebook formats, including CSV.
- ExamView importer (Blackboard 6.0 – 7.0 format).

Presentation Tools

- Transitions
- Animations
- Spotlight
- Reveal

Recognition Tools

- Shape recognition
- Multi-language handwriting recognition.

Multimedia

- Embedded audio, video, and Flash files.
- Import audio, video, and Flash files.
- Multimedia drag-and-drop
- Record audio, video, and screen.
- Integrated with MimioView™ document camera, to record camera activity.
- Video playback controls – Play/pause/rewind embedded files.

Multi-Device

- Hardware integration – Compatible with MimioClassroom hardware.
- Use with third-party interactive display products with the purchase of a user, site, or district license.

Power Tools

- File attachment
- Keyboard shortcuts
- Onscreen keyboard

Languages

- For a complete list of the 33 languages for MimioStudio software, visit mimio.com/languages.

Cross-Platform

- Macintosh, Windows, and Linux operating systems.
- Controls all MimioClassroom hardware devices.
- File import flexibility – Import SMART Notebook, Promethean ActivInspire, PowerPoint, Word, and Common File Format (IWB)

files, with minimal reformatting.

- Export to HTML, PDF, Common File Format (IWB) files, and image formats.

Technical Specifications

- Screen resolution: 1024 x 768 and higher.
- Standard file format: Proprietary INK file format.

Touch and Gestures Support

- Windows 7 or higher

System Requirements

- Windows XP, Vista, 7, 8 and 10.
- Mac OS 10.9 and above.
- Linux Ubuntu
- For specific system requirements, please visit mimio.com/support/downloads.

Evaluation Mode

- Try the full-featured version of MimioStudio software free for 30 days.

Licensing Options

- **Standard** - Bundled with all Mimio hardware except the MimioPad tablet.
- **For use with other interactive hardware displays** - A license must be purchased. For information on volume discounts on licenses contact your sales representative.
- **Limited** - Available as a free download from mimio.com to play and edit files using limited features.

To learn more, visit mimio.boxlight.com/mimiostudio or call 866.972.1549.



MimioMobile

collaboration & assessment app

Use your classroom mobile devices and laptops for assessment, as well as collaborative and one-to-one learning—simply and easily.

Collaborative learning. Formative assessment. Easy setup. Our MimioStudio™ classroom software and MimioMobile™ app facilitate collaboration and perform assessment, helping students build their knowledge across all curricular areas. Whether it's two students working together or teams, collaboration helps students develop communication and critical thinking skills—all of this is available on almost any mobile device, even Chromebooks.

- Share any combination of the students' work on the front-of-the-class display, creating greater collaborative and cooperative learning, as well as gaining more in-depth understanding of the students' comprehension.
- Create formative and summative assessments with short-answer, short-essay, numeric, and multiple-choice student responses.
- Control MimioStudio interactive activities on any display running MimioStudio software.
- Connects in seconds to the teacher's MimioStudio software—no need to remember IP addresses or complicated logins.
- Purchase just one annual license for the teacher and download the app to every student device in the classroom.
- Compatible with Apple and Android phones and tablets, as well as any device with a supported Web browser—including Chromebooks, Windows and Mac laptops, Windows Surface tablets, and more.



“The MimioMobile app allows students to actively participate from anywhere in the classroom. And they can even answer assessment questions with their devices.”

Paul Gigliotti, History Teacher

To learn more, visit mimio.boxlight.com/mimiomobile or call 866.972.1549.



Minimum Software Requirements for Classroom Computer

- MimioStudio 11.5 software on Windows, Mac, or Linux OS.
- MimioMobile activation code, supplied upon purchase of the MimioMobile annual license, to enable functionality.
- For specific system requirements, please visit mimio.com/support/downloads and select your operating system.

Teacher and Student Modes

- MimioMobile app supports features for both teachers and students.

Teacher Control

- Teacher can control computer desktop.

Teacher Classroom Management

- Student learning and engagement are expanded with the Collaborate feature, because teachers have more options for highlighting, discussing, and sharing students' collaborative sessions on the front-of-the-class display.

- Teacher can pass control to an active MimioPad tablet or mobile device running the MimioMobile application.
- Teacher can unilaterally retake control.

Student Activities and Tools

- Lessons run locally on Apple and Android mobile devices, so students can work more naturally and quickly on their activity, without any lag time.
- Expanded tool set allows Undo/Redo functionality.

Student Response/Vote Support

- Allows students to participate in a student response/vote session.
- Students may use any combination of MimioVote handsets and devices running the MimioMobile app.

Student Collaborative Tools

- Students can participate in a collaborative activity.
- Each individual collaboration space shown on the interactive whiteboard is replicated on the respective device, so students don't need to look at the board.

- MimioStudio Collaborate feature works seamlessly with any mix of new MimioPad tablets and devices running the MimioMobile app.

Ease and Security of Connection

- On Apple and Android devices, the patent-pending process turns the usually complex and time-consuming task of connecting multiple mobile devices into an instantaneous point-and-click. Just scan the QR code displayed on the whiteboard, and connect instantly.
- On devices with a supported Web browser, a simple numeric code is provided to connect with ease.
- Connection is secure, and minimal support is required.

Shortcut Keys

- Provide quick access to up to 16 commonly used MimioStudio tools.
- Use familiar MimioStudio icons to shorten the learning curve for teachers and students.

Interoperability

- Works on Apple and Android mobile devices.
- Works on any device with a supported Web browser.
- The MimioMobile application can work simultaneously and seamlessly with the new MimioPad and MimioVote hardware.

Languages

- For a complete list of the 33 supported languages, visit us at mimio.com/languages.

Compatible Devices

- iPad 2 and above.
- All versions of the iPad mini.
- iPhone 4 and above.
- iPod Touch (4th Generation and above).
- Android 3.0 (Honeycomb) or higher.
- Any device with a supported Web browser.

Supported Web Browsers

- Google Chrome
- Microsoft Internet Explorer 11 and above
- Microsoft Edge





MimioMobile Team

Take 1:1 and teamwork to a new level with MimioMobile Team. Our Team application allows up to 4 students to independently or collaboratively work on interactive lessons.

Collaborative learning. Formative assessment. Easy setup. Our MimioStudio™ classroom software and MimioMobile™ Team facilitate collaboration and perform assessment, helping students build their knowledge across all curricular areas. MimioMobile Team is an extension of our MimioMobile app, designed specifically for the Boxlight ProColor Touch Table, enabling multiple simultaneous MimioStudio activities on a single interactive table.

- MimioMobile Team included FREE with the ProColor touch table.
- Participate in formative and summative assessments with short-answer, short-essay, numeric, and multiple-choice student responses.
- The large image size of the MimioStudio activity on the touch table allows students with visual or motor skill impairments to easily see and engage with the lesson.
- Connects in seconds to the teacher's MimioStudio software—no need to remember IP addresses or complicated logins.
- The MimioMobile Team users are part of the overall MimioMobile session. Students can have their own individual instances of MimioMobile on personal devices such as iPad or Android tablets, Chromebooks, and Mac or Windows PCs.



MimioMobile Team can work on several tables in a single classroom, and you can choose 1, 2, 3, or 4 activities per table.

To learn more, contact Sharon Holton at sharon.holton@boxlight.com or call 866.972.1549.



Minimum Software Requirements for Classroom Computer

- MimioStudio 11.5 software needs to be active on the classroom computer.
- Team will only run on an interactive table running Windows 10.

Student Tools

- Highlight, draw, erase, and pen tools.
- Expanded tool set allows undo/redo functionality.

Student Response/Vote Support

- Allows students to participate in a student response/vote session.
- Students may use any combination of MimioVote handsets and devices running the MimioMobile app.

Student Collaborative Tools

- Students can participate in a collaborative activity.
- Each individual collaboration space shown on the interactive whiteboard is replicated on the respective device or table, so students don't need to look at the board.
- MimioStudio Collaborate feature works seamlessly with any mix of new MimioPad tablets and devices running the MimioMobile app or MimioMobile Team.

Ease and Security of Connection

- LAN connection required via Ethernet RJ45 or Wi-Fi.
- Connection is secure, and minimal support is required.

Shortcut Keys

- Provide quick access to up to 16 commonly used MimioStudio tools.
- Use familiar MimioStudio icons to shorten the learning curve for teachers and students.

Languages

- For a complete list of the 33 supported languages, visit us at mimio.com/languages.

Compatible Devices

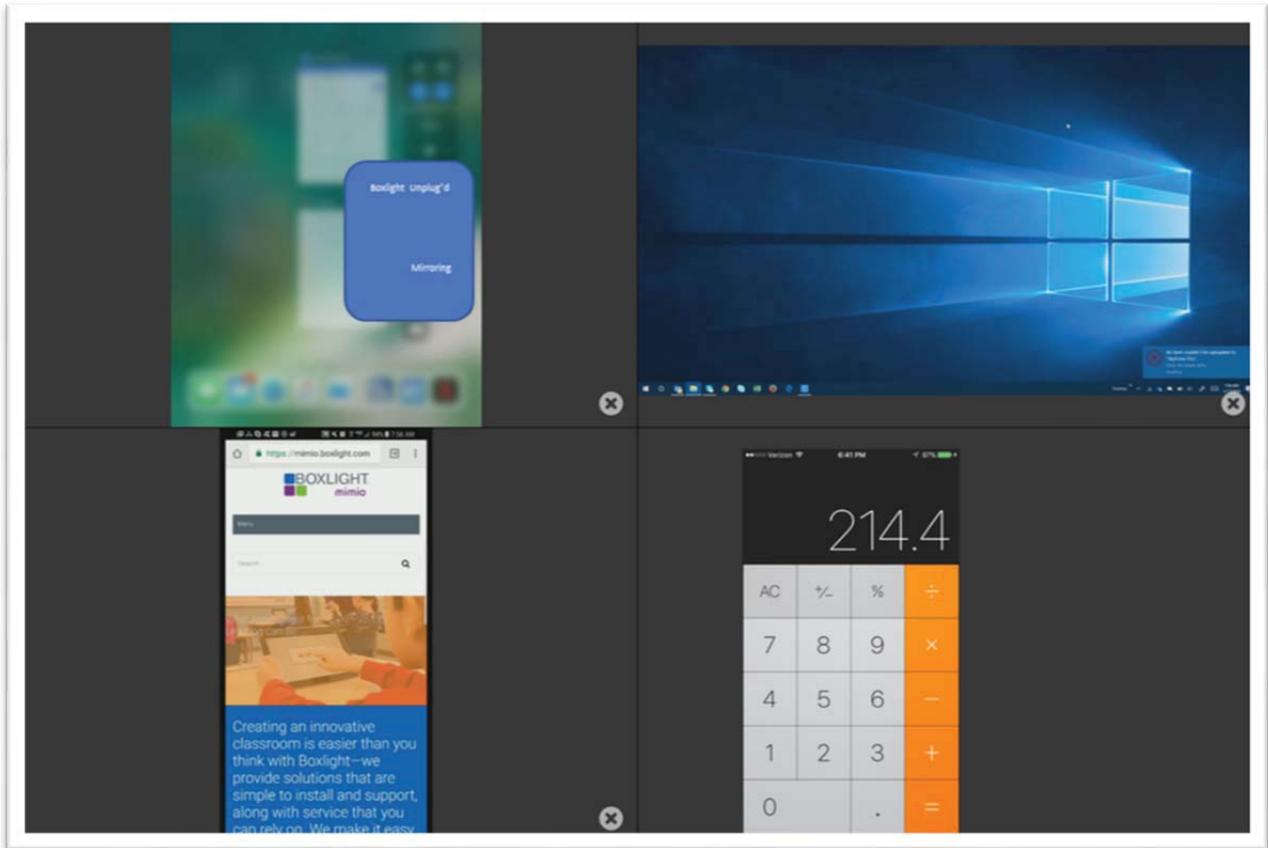
- Boxlight ProColor Interactive Tables and Boxlight ProColor Interactive flat panel displays operating in horizontal mode.

To learn more, contact Sharon Holton at sharon.holton@boxlight.com or call 866.972.1549.

Boxlight Unplug'd Wireless Streaming

Best of Both Worlds | Boxlight Mimio ProColor panels provide the best of both worlds. In addition to all the MimioStudio capabilities outlined in the previous pages, Boxlight ProColor Panels also support wireless streaming of non-MimioStudio applications and content. The new Boxlight Unplug'd Wireless Streaming Service is a feature that replaces Boxlight's external Unplug'd Device.

Simultaneous Display | Real Time Collaboration



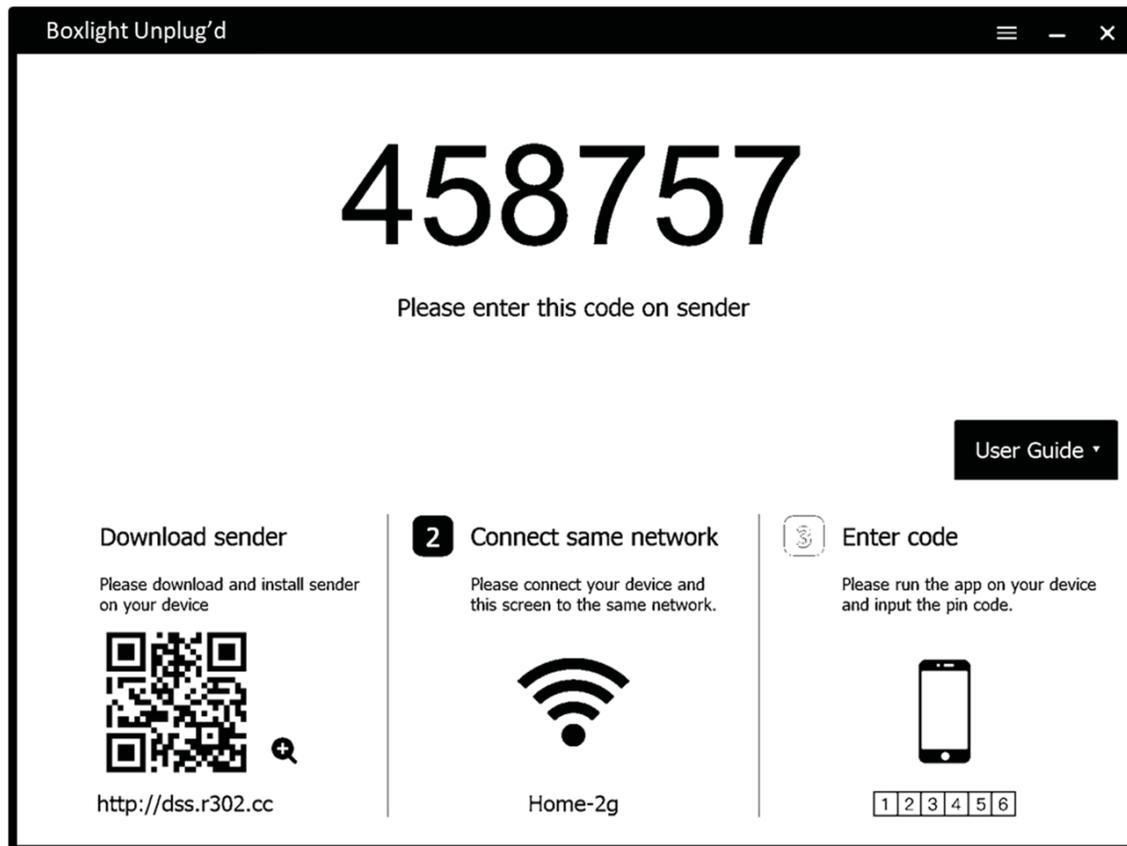
Interactive Flat Panel Display Showing iOS (upper left), Windows (upper right), and Android (both lower)

Simultaneous Display | Up to 4 teacher and/or student devices can be displayed at one time. Up to 50 participants can connect per session. Boxlight ProColor Interactive Flat Panel Displays with Boxlight Unplug'd Wireless Streaming software running on the embedded Android processor, connects student and teacher devices via Wi-Fi or a wired LAN connection.

Teacher Control | Teachers will have total control over which devices are displayed by selecting devices using the teacher control menu.

Security | Participants log in their device at the beginning of every session. A unique access code is generated for each session and must be entered in order to connect and display.

Connecting Devices | Student devices must have Boxlight Unplug'd app loaded and be on the same network as the Interactive Flat Panel. After connecting to the network, users simply enter the pin code to connect to the session.



Supported Devices | Include:

- iOS 8 and above
- Android 5.0 and above
- Windows 10 and above
- Mac OSX and above
- Chromebook*

iOS & Android Capabilities | Include the ability to share/stream the following:

- Full Desktop
- Streaming Audio/Video Files
- Stream Live Video From Client Device Camera
- Stream Documents Showing Real Time Editing

Mac OS & Windows Devices | Include the ability to share/stream:

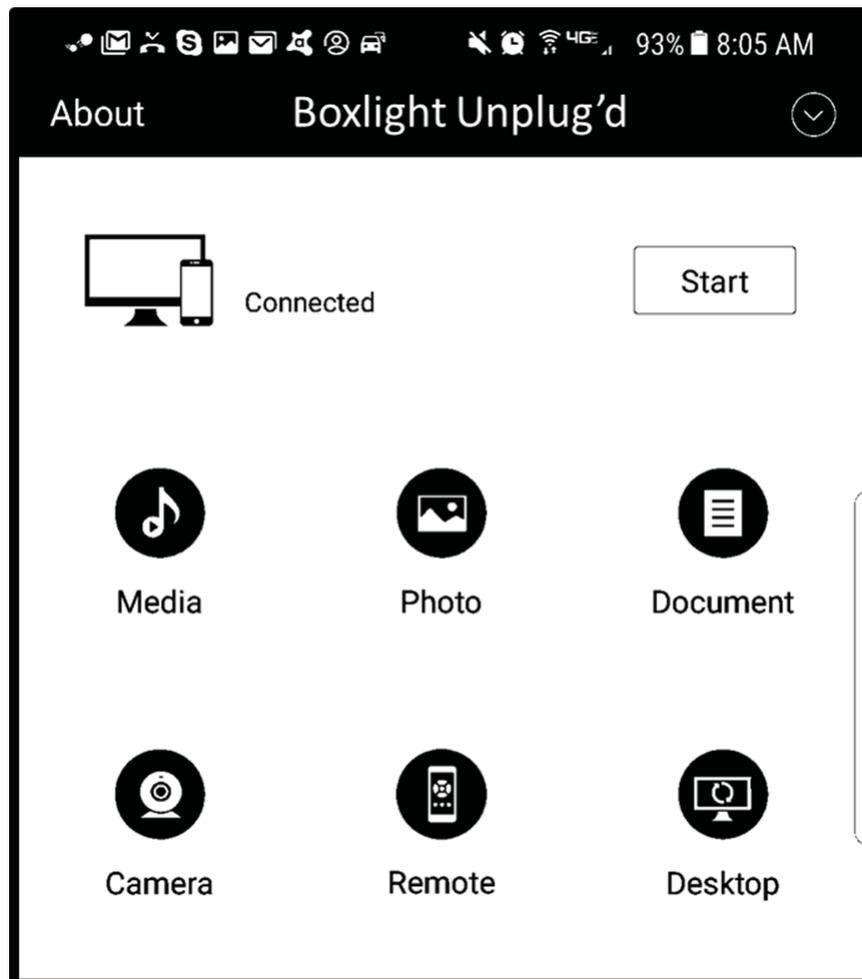
- Full Desktop including streaming audio and video from within the desktop

*Available July, 2018

Remote Control Functions I Include:

- One device at a time can display the desktop of the Interactive Flat Panel Display on itself and remotely control the Android home screen of Interactive Flat Panel Display.
- “Remote” function turns mobile device into a trackpad/gyro-mouse (selectable) to control the Interactive Flat Panel Display.

User Menu I Sample of Android Device User Menu



Real Time Collaboration I Boxlight Unplug'd Wireless Streaming facilitates real time collaboration of up to 50 participants per session, allowing up to 4 participants to simultaneously display their work. Laptops, tablets, cell phones...all work seamlessly with Boxlight Unplug'd!



Boxlight Training

Make the most of your Boxlight interactive products with our online training and our teaching community. It's a better way to learn!

Whether you're new to Boxlight products, need a review, want to find lesson content, or have a specific question, we have the resources for you. Two effective Boxlight training programs, On-Demand and Quick Learn, provide no-cost, online learning that fits your level and scheduling needs. You can also find extensive resources and get expert help from the MimioConnect® interactive teaching community. Choose the training option that works best for you and join the MimioConnect community, and you'll have all your bases covered.

On-Demand Training

Does your school have tight budget constraints? No worries. Teachers can train themselves to effectively implement Boxlight products with our On-Demand resources – no-cost, online video tutorials; Quick Learn recordings; user guides; and reference cards.

Quick Learn Training

Boxlight Quick Learn provides educators with the choice of live or on-demand prerecorded sessions led by qualified experts. Both session types provide no-cost, online learning.

MimioConnect

There are lots of good reasons to join our free online teacher community. MimioConnect members share lessons and tips, and learn from one another. You can find relevant answers to most common questions in the forums. And, for your most vexing questions, you can connect with a MimioConnect Master and get clear answers.



“Your On-Demand is the most effective way to [learn] Boxlight basics without having a trainer on site!”

Tracy Tishion, Technology Instructor
Brookfield, CT

Sign up today at boxlight.com/training.

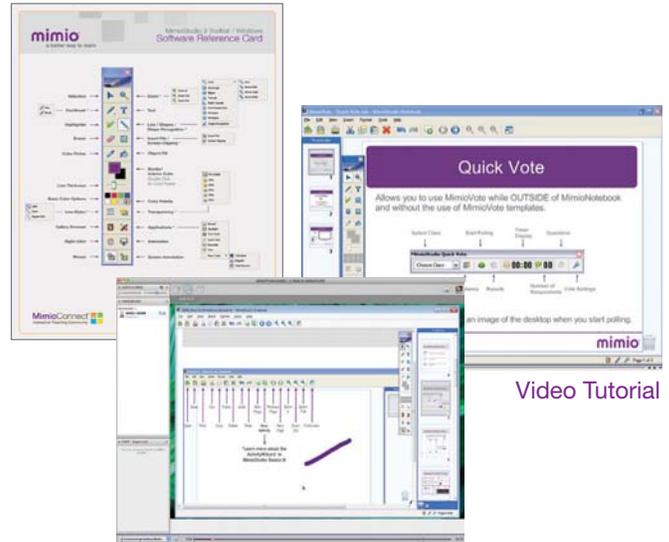
Boxlight Training Program Details



On-Demand

Our On-Demand resources offer a wide range of free online materials, including video tutorials, Quick Learn recordings, user guides, and reference cards, which can be viewed any time at Boxlight.com. The video tutorials are approximately 2-6 minutes in length and cover topics ranging from how to properly set up products to how to use advanced applications within MimioStudio™ classroom software. These resources are designed to get any teacher up and running quickly.

On-Demand Quick Learn recordings are available 24/7, for users to view at their own convenience. The information is the same as in the live sessions, so users can be sure they receive expert training at their own pace.



Video Tutorial

On-Demand Quick Learn Recording

Quick Learn

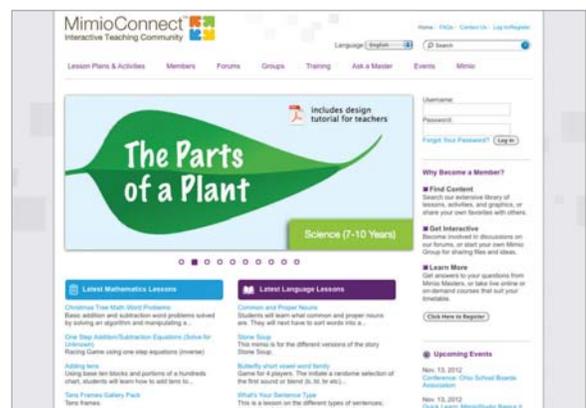
Quick Learn sessions are taught by a Boxlight expert. These sessions run on a predetermined schedule at various times each week. They are provided at no cost and require only an Internet connection and a computer with audio capability, or an iPad. Sessions are interactive and provide participants with both virtual and hands-on learning, with feedback from session moderators and other participants.



Quick Learn Session

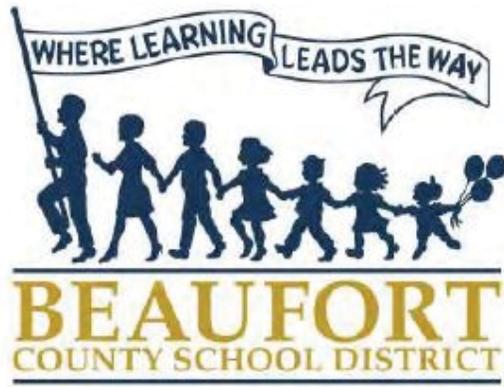
MimioConnect

When you become a member of our growing MimioConnect online community, you will have access to a wealth of new content. You can download valuable teacher-created lessons from the site, and contribute your own favorites. Our extensive library of lessons, activities, and graphics can help you take your Boxlight products to the next level. You can also connect with your peers, become involved in discussions on our forums, or start your own Boxlight Group for sharing files and ideas. And if you need to get answers to specific, tough questions, you can take advantage of our MimioConnect Masters. It's all available at no cost to you.



MimioConnect Online Community

Sign up today at boxlight.com/training.



Solicitation No. 18C-018

Certification & Testing Procedures

Section 4.0.1.8

HOWARDTM
TECHNOLOGY SOLUTIONS

with



Seeing is Believing

and



WorldWide Data



Certification & Testing Procedures

Section 4.0.1.8

Vendor Testing Procedures | District Level

The items in this section are best tested at the district level. Auto Shutdown would be difficult to test efficiently nightly on a per classroom basis. The other 3 items relate to the MimioStudio software which will operate in a consistent fashion in every classroom. Consequently the most efficient and effective way to test these items is at the District Level.

Auto Shutdown | Enterprise Management | 3.13.2.5 | Once the Boxlight ProColor Remote Management and Reporting Software has been installed and configured, as outlined in Section 4.5.9 of the Section 4.1 Response Form, the system is ready for testing. The test can select a single school, a group of schools, or all schools for automated shutdown. After the scheduled shutdown time, the effectiveness can be tested two ways: 1) by looking at the status reported in the Remote Management Software, and 2) by visually verifying, classroom by classroom at the school level.

ActivInspire Flipchart Import | 3.13.2.7

Background

Boxlight recognizes the extreme importance of protecting the legacy content our school partners have developed over many years. The need to protect this content and maintain its usefulness caused us to launch an intense and ongoing program to develop and maintain the ability for users to open, use and enhance content created in 3rd party applications without going through a time consuming import or conversion process.

We recognize the importance of maintaining the fidelity of the original content as much as possible, ensuring the individual objects of the source file are maintained as such – individual, editable, reusable, objects.

The Technology Challenge

Opening any file type in a different application is the technical equivalent of language translation. This is a complicated process that changes over time as technology changes. Consequently, Boxlight treats this important capability as an ongoing activity, maintaining a team who keeps track of the latest developments in file formats and generates new versions of our software as needed. When a file is discovered that doesn't "translate" well, it is forwarded to the Boxlight team for analysis, diagnosis, and development to further enhance the MimioStudio software.

Test and Verification Process

Step 1 | Preparation

Participants | Determine which departments/users will participate in the test.

Content Samples | Gather from those users a wide range of sample of content

Notes | Newer content is generally best because it typically uses the features in the most recent version of the original software

Content should include a wide range of elements: a variety of fonts and font sizes, images pasted in from various formats (jpg, png, etc.), embedded audio, embedded audio/video, interactive content, assessment content

Select from this content a sub-set that contains in aggregate suitable breadth

Develop a checklist to document each page's key attributes

le: object formatting (font, font size, bold/italic/underline)
object position, assessment function, and so forth

Step 2 | Testing

Equipment Setup | Have both the original source software and Boxlight's MimioStudio loaded on the same computer. Ideally, a computer equipped with dual monitors to enable easy side-by-side comparison.

Process | Advance through the content one page at a time, doing a side by side comparison of each page, comparing the layout and functionality in the native software to MimioStudio. As mentioned above, ideally with one on the left-monitor and the other on the right monitor.

Documentation | Step through the key attributes listed above and grade each using a four-point scale. For any attribute judged in the lower two regions add a clear and specific comment as to the shortfall. Take a screen-shot to capture the images and annotate the specific shortcoming.

Step 3 | Submit to Boxlight

Submit to Boxlight | Submit the original source files along with the evaluation report, including annotated screen shots, to Boxlight.

Step 4 | Remediation

Review & Revise | Boxlight's development team typically provides an initial assessment of the observed issues including their cause and draft remediation solution, within 7-10 business days. Any revision to the MimioStudio software will be provided as soon as possible, typically 1-3 weeks depending on the complexity of issues reported .

Step 5 | Evaluation

Repeat | Upon receipt of the revised software repeat the above testing process for the identified slides.

Step 6 | Ongoing

Report | Whenever import quality issues are found they should be reported through Boxlight Tech Support where they will be passed to the software team for analysis and remediation.

Summary

Boxlight is committed to long-term support of this crucial ability. We are very aware of the value of the legacy content developed by districts and content providers. We will make every effort to continue to provide fast, simple, accurate, object-level opening of non-Boxlight files.

Introduction

Managing the classroom remains one of the most important responsibilities, and challenges, for any teacher. MimioStudio provides a wealth of tools facilitate this important and ongoing task.

Tools Overview

Proximity Control

- **Remote Control I** Wireless client devices such as an iPad or Android tablet can be used to remotely control content and applications on the panel, freeing the teacher to roam the classroom without interrupting the lesson.
- **Freedom to Roam I** The freedom to roam allows the teacher to be among the students, a strong classroom management feature on its own.
- **Improved Behavior I** Teachers can walk directly to any student that is presenting behavioral or engagement issues.
- **Increased Engagement I** Teachers can immediately engage the student by handing them the client device, allowing them to lead that portion of the lesson.

Student Engagement

- **Interactivity I** The collaboration features of MimioMobile provide a rich set of assessment, collaboration and interactivity capabilities, each of which drive high levels of student engagement in individual or group activities.
- **Immediate Feedback I** MimioStudio's built-in real time assessment capabilities provide students with instant feedback, keeping them engaged in the learning process.
- **Collaborative Learning I** MimioStudio allows up to 50 students to collaborate simultaneously using iPads, Chromebooks, Smart phones, tablets or computers. In the example shown at right, multiple individual devices are being used simultaneously in a sorting activity. Collaborative hands on learning drives high levels of engagement.
- **Learning Groups I** MimioMobile allows groups of students to work together on a shared device. The work of all groups or any combination of, group(s) can be displayed at the front of the classroom, allowing all teachers and students to collaborate simultaneously in real time.
- **Notifications I** In addition, MimioMobile provides direct alerts to the teacher if the student closes the MimioMobile app on his or her Client device or disconnects, whether intentionally or accidentally.
- **Focus Tools I** MimioStudio tools such as "spotlight" and "reveal" help students focus on relevant content, keeping them engaged with the lesson.



Figure 1 - Multiple-Choice Assessment as Shown on a Hand-Held Device

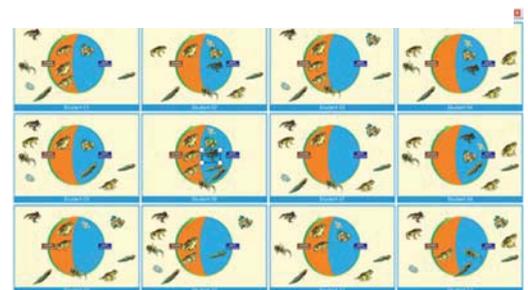


Figure 2 - MimioMobile Showing Multiple Students Using a Drag-and-Drop Sorting Activity

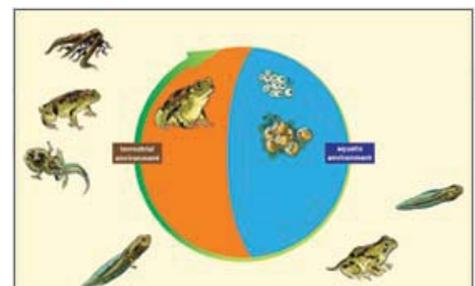


Figure 3 - Sorting Activity as Displayed on a Single Hand-Held Device

Time on Task

- **Real Time Notification I** MimioMobile's collaboration feature notifies the teacher when a student goes off task, allowing the teacher to refocus the student.



Figure 4 - MimioMobile Showing One Student Off-Line

Instructional Pacing

- **Assessment for Learning I** MimioStudio's integrated "Continuous Assessment" capabilities provide immediate feedback for both teachers and students, providing valuable data to make real time decisions on content, pacing and re-teaching. Gone are the days of finding out "after the fact" that students didn't understand a particular concept. Class level information is provided "at a glance," while detailed information for each student is automatically stored in the Gradebook for later review.
- **Differentiated Instruction I** Assessment data helps identify student's specific needs quickly, allowing for early interventions.

Focus Tools

- **Embedded Multi-Media I** Drawing attention to the front of the class is aided by embedding images, animations, audio, and video unto the MimioStudio pages.
- **Reveal & Spotlight Tools I** Attention can further be focused into specific screen areas using the Spotlight and Reveal tools of MimioStudio.

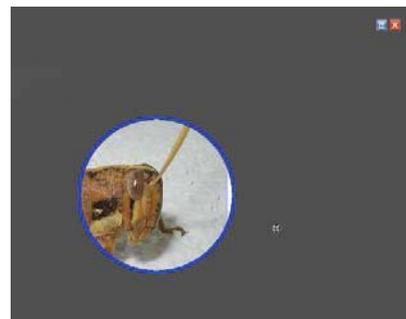


Figure 5 - Spotlight Tool Focusing on Part of the Image of a Grasshopper

Time Management

- **Built In Timer I** MimioStudio includes a built-in timer that can be used to structure and focus assessment times, group work occasions, and even quiet study times.
- **Incentive Rewards I** The MimioStudio timer can also be used to drive specific behaviors by, for example, promising reduced homework in return for N solid minutes of quiet study and/or group work.

Classroom Management

Classroom management is a fine art learned and perfected over a teaching career. MimioStudio and MimioMobile bring an additional set of flexible tools designed for the Interactive Digital

Testing Procedures

Proximity Control | Ensure Teacher Control Set Up and Working Correctly

Step 1

In the MimioStudio™ classroom software on the computer, click on "Tools" > "Settings"> "Mobile."
Mac: Notebook > "Preferences" > "Mobile"



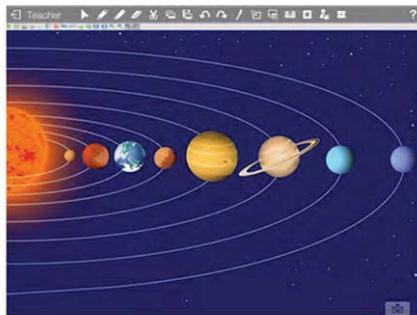
Step 2

In the MimioMobile™ app on the teacher's mobile device,* the teacher should tap on the large QR code image and then point and align his or her mobile device camera at the QR code projected on the whiteboard or computer monitor.



Step 3

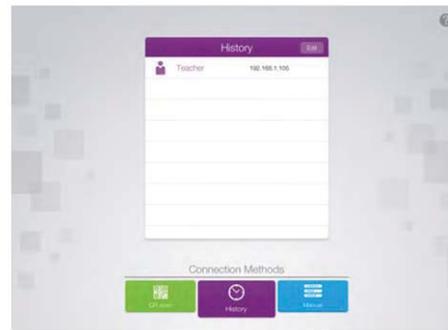
The MimioMobile app now has full control of your computer.



Allowing the teacher to fully control the board from anywhere in the room.

If you've previously connected

Tap on the "History" tab and choose recent Teacher connection



Collaboration Tools

Collaboration

Collaboration | Up to 50 Concurrent | Spontaneous or Prepared Activity

Real Time Collaboration | Allows All Students to Individually Work on An Activity Simultaneously On Their Mobile Device | Allows Teacher and Student to Collaborate Real Time

Teacher | Launch | Open MimioStudio Notebook to Activity Page | Click Collaborate Icon

Teacher | Hide | Click Hide Icon

Teacher | Show a Single Student's Display | Double Click the Bar Containing Their Name

Teacher | Select Students for Simultaneous Display | Click Selection Icon  **| Click Check Box for Desired Student(s) (1-49)** **| Click Green Check Icon at Bottom of Screen**

Teacher | Return to Showing All Students | Click Home Icon 

Students | Use Tools To Complete Activity

Quick Collaborate | Up to 50 Concurrent | Sends Blank Workspace to Students

Teacher | Launch | Open MimioStudio Notebook | Click Application Icon  **| Click Quick Collaborate**
Students | Use Tools To Complete Activity

Assessment Tools

Prepared Assessments

Creating Prepared Assessments

Teacher | Insert New Page | Click Gallery Icon  | Select Questions & Results | Open Questions & Results | Drag Desired Template To Page | Enter Question | If Multiple Choice, Enter Answers | Select Correct Answer, If Appropriate | Select Null If Opinion Question  

Launching Prepared Assessments

Teacher | Click Arrow  to Begin Assessment | Click Red Button  to Stop Assessment | If you have preselected a correct answer, it will display. | Click Results Icon  | Click Question Results to See Class Results

Answering Prepared Assessments

Student | Use Tools to Complete Activity | Click Submit

Note | Students On Smartphones may need to scroll down to see Submit button.

Viewing Individual Responses to Prepared Assessments

Teacher | Open MimioStudio Gradebook | Select Class From Drop Down | Select Date from Drop Down Icon | Select Test From Drop Down

Spontaneous Assessments

QuickVote

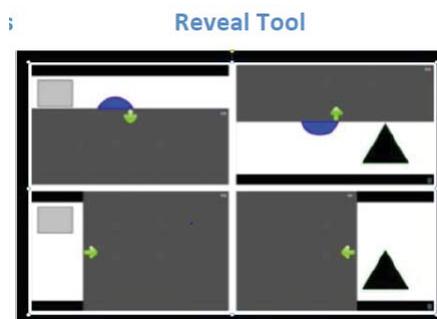
Teacher | **Launch** | Open MimioStudio Notebook | Click Application Icon  | Click Quick Vote | Select Question Type | Click Green Button to Launch  | Click Red Button to Stop  | Select Correct Answer | Click Results Button  to See Class Results

Student | Use Tools to Complete Activity | Click Submit (May need to scroll down on a Smart Phone to find submit button.)

Focus Tools

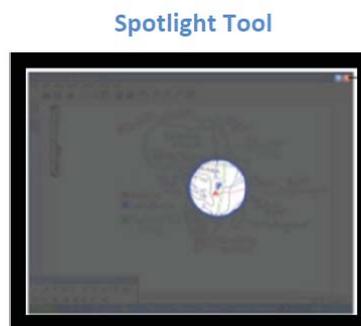
Reveal Tool

1. Activate Reveal Tool from Drop Down Menu.
2. Test Top Down Reveal
3. Test Left-Right Reveal
4. Test Right-Left Reveal
5. Test Bottom Up Reveal
6. Test Changing Transparency



Spotlight Tool

1. Activate Spotlight Tool from Drop Down Menu.
2. Test Moving It Around on the Page
3. Test Changing Its Size
4. Test Changing Its Shape
6. Test Changing Transparency



Timer

1. Set Timer
2. Start Timer
3. See If Sound Plays At "Time"

Untethering Features | 3.13.2.9

Test and verification of Untethered Operation using MimioMobile

Every copy of MimioStudio includes a three-device license for MimioMobile, it connects with the Client Devices over the school's Wi-Fi. Operation is very similar to that when using MimioPad with the added benefit of an onboard video display and touch interactivity.

The following devices run native code, an app, when using MimioMobile: Apple iPad, Android tablets, iOS and Android mobile phones. Devices running MacOS, Windows and Linux [participate in MimioMobile through Google Chrome, Internet Explorer 11 and higher, and Microsoft Edge. MimioMobile can operate with any mix of approved devices and modes.

Setting up a Client Device to work as a remote control is very fast and easy. The details, including having MimioStudio installed on the Teacher Computer and on the Client Device(s), are covered in the online User Guides and so will not be addressed here.

Once setup is completed, the following is a strong test process:

- Be sure MimioStudio is running on the Teacher Computer and that it and all Client Devices are actively connected to the school's Wi-Fi².
- Following instructions in the MimioMobile User Guide connect one Client Device as the Teacher³.
- Using a finger, or suitable pointing device, on the Tablet Client Device, choose the pen tool from the MimioStudio Toolbar – then draw on the Tablet Client Device – the drawn lines will be visible on MimioStudio on the Teacher Computer.
- Again using a finger or suitable pointing device, click the “minimize” icon in the upper left corner of MimioStudio and display the Teacher Computer desktop.
- Use MimioMobile to select and launch any app on the Teacher Computer – the app will launch.
- Those two tests are sufficient to verify that the MimioMobile Client Device is working properly.

Note – as mentioned above, proper network configuration is essential. If the Client Devices cannot “talk to” the Teacher Computer MimioMobile will not be able to operate.



Figure 4 - MimioMobile Client Device Connect UI

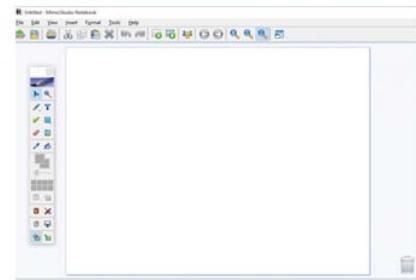


Figure 5 - MimioStudio UI as Shown on Tablet Client Device

Vendor Testing Procedures | Classroom Level

Flat Panel Screen | Max. # Touch Points | Touch Response | 3.13.2.1

Panel Testing

Panels are tested after Network cabling is connected to the Panel and the Network Javk and OPS is installed in the panel.

A. Power | The Panel Should come up with the District Image on the OPS automatically

B. Image | Type in the User Name and Password supplied by the District

C. Network | From OPS, Bring up Browser and connect to Youtube.com
Network thru Android Interface
Select Android and select the Globe and type in Youtube.com

D. Touch Points | After we are signed in to the Panel we will bring up MimioStudio and use the Pen feature—write the School Name at the Top
Next Line is the Room Number
Next Line is Serial Number
Next Line we will take both hands all 10 Fingers and touch and drag down the Screen to show that we have 10 points of Touch

Documentation | We Document every Room Install with:

1. Picture of the MimioStudio Screen Showing the School Name -Room Number –Serial Number and 10 points of touch.
2. Picture of Serial number badge next to an Asset Tag.
3. Picture of Document Camera Serial Badge next to an Asset Tag.
4. Picture of OPS serial Number Badge next to an Asset Tag.

All of the Pictures are to be Stored in a Subdirectory with the District Name Under that Is a School Name

Under that are Room Numbers and School information

All of the Pics and Info are stored on the Cloud in Box.com Folders that can be shared with everyone on the Project.

Adjustable Mounts & Table Modes | 3.13.2.2

If an Adjustable Mount is Installed with the Panel, test it by plugging the power cord to the wall and find the UP and Down button on the right or left side of the frame. Press the upper part of the switch will raise the Panel. The lower part of the switch will lower the Panel. Raise the Panel to its highest point and lower it to its lowest point.

BCSD Local Network Access | 3.13.2.3

Local Network access requires us to change the Computer Name to same naming convention that BCSD requires. In other Installs we will use the 1st 2 digits where the School name the 2nd 2 digits where number that indicate that it was a PC Module on a Panel and the other 6 digits where from the Serial Number of the PC Module. If the Network is up and the Name works we will be able to access the Local Lan.

Internet Access | Android & PC | 3.13.2.4

Network from PC Module—Bring up Browser and connect to Google.com

Network thru Android Interface---Select Android and select the Globe and type in Google.com. and connect to Google

Sound to In Room System | 3.13.2.5

Sound | We are using existing Speakers and Amp with 3.5 cable

A. We will be testing the existing Speakers and Amp and Cabling by connecting a iPhone via a 3.5 connection and play music thru speakers amp and Cables.

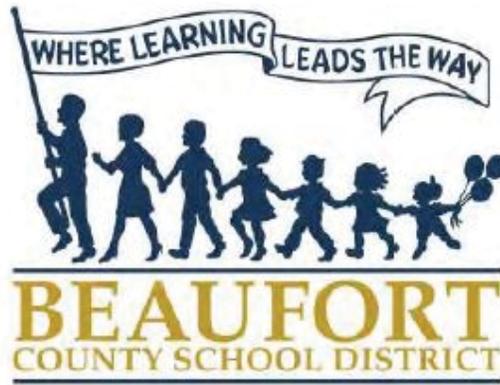
B. Panel sound is Tested after the Panel is Installed and we sign on using The User Name and Password issued to me from the District- Bring up the Internet and Connect to You Tube and Play some music after connecting the 3.5 cable from the Amp to Audio Out from the Panel .

Interactivity | 3.13.2.8

Interactivity is tested on the Panel By Powering on the Panel and Coming to the District User Name and Password- Only use the Panels on board Key board and Type in the User Name and Password Hit enter and The Windows 10 Screen Should appear. Then Go to the MimioStudio Icon and Go to the Pen function and Write the School Name on Top of White screen and Room Number and Serial Number of Panel Below that. Next go 2 lines down and take both hands all 10 fingers and drag down the Panel. You Should have 10 lines down the screen.

Power | 3.13.2

Power is tested by plugging in the power cord to the Panel, and pushing up the rocker switch in the back of the Panel. The red Light on the front power button should turn on. Next press the red power button. It should turn green and start the firmware boot process which will look for the PC Module if it is installed on the Panel. The District Logon Screen will appear if an image was supplied by the District



Solicitation No. 18C-018

Financial Stability

Section 4.0.1.9

HOWARD™
TECHNOLOGY SOLUTIONS

with



and



WorldWide Data



Solicitation No. 18C-018

Purchasing Card Acknowledgement

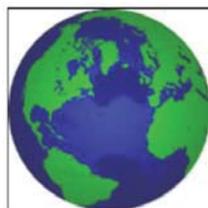
Section 4.0.1.10

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and



WorldWide Data



Purchasing Card Acknowledgement

Section 4.0.1.10

Requirement I Contractor agrees to accept payment by the South Carolina Purchasing Card for no extra charge. The Purchasing Card is issued by Visa. The purchasing card allows BCSD to make authorized purchases from a vendor without the requirement to issue a purchase order.

Response I Howard Technology Solutions agrees to accept payment by the South Carolina Purchasing Card for no extra charge. We understand the Purchasing Card is issued by Visa and the purchasing card allows BCSD to make authorized purchases from a vendor without the requirement to issue a purchase order.



Solicitation No. 18C-018

Required Licenses

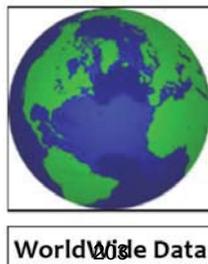
Section 4.0.1.11

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HOWARD™

TECHNOLOGY SOLUTIONS

Required Licenses

Section 4.0.1.11

Business License



DELBERT HOSEMANN
Secretary of State

Office of the Secretary of State
Jackson, Mississippi

Certificate of Good Standing

I, C. DELBERT HOSEMANN, JR., Secretary of State of the State of Mississippi, and as such, the legal custodian of the records as required by the laws of Mississippi, to be filed in my office, do hereby certify:

That on the 15th day of January, 1968, the State of Mississippi issued a Charter/Certificate of Authority to

HOWARD INDUSTRIES, INC.

That the state of incorporation is Mississippi.

That the period of duration is perpetual.

That according to the records of this office, Articles of Dissolution or a Certificate of Withdrawal have not been filed.

That according to the records of this office, a current Annual Report has been delivered to the Office of the Secretary of State.

I further certify that all fees, taxes and penalties owed to this state, as reflected in the records of the Secretary of State, have been paid and that the corporation is in existence or has authority to transact business in Mississippi.

That insofar as the records of this office are concerned, the said HOWARD INDUSTRIES, INC. is in good standing at this time.

Given under my hand and seal of office
the 20th day of June, 2016

C. Delbert Hosemann, Jr.

C. DELBERT HOSEMANN, JR.
Secretary of State

Certificate Number: CN16024772

Verify this certificate online at <http://corp.sos.ms.gov/corconv/verifycertificate.aspx>

South Carolina Retail License

	STATE OF SOUTH CAROLINA DEPARTMENT OF REVENUE RETAIL LICENSE	THIS LICENSE IS NEITHER TRANSFERABLE NOR ASSIGNABLE BEFORE POSTING READ INSTRUCTIONS BELOW	ST-1 (Rev. 07/28/08) 5000
THIS LICENSE MUST BE PUBLICLY DISPLAYED AS PROVIDED BY LAW	OWNER NAME BUSINESS LOCATION: HOWARD INDUSTRIES 3225 PENDORFF RD LAUREL MS 39441	LICENSE NUMBER CO SERIAL 099 43579 3	MULTIPLE NUMBER
LICENSE MUST BE RETURNED FOR ALL CHANGES AND/OR CLOSE OF BUSINESS	M RGRG REGISTRATION W JOHNSON HOWARD INDUSTRIES INC PO BOX 1588 LAUREL MS 39441	INDUSTRY TYPE EFFECT DATE 335999 02-02-2009	
TRADE NAME AND MAILING ADDRESS	THIS LICENSE IS VALID FOR ABOVE LOCATION ONLY. CHANGE OF LOCATION OR OWNERSHIP REQUIRES NEW LICENSE .		
EACH PLACE OF BUSINESS MUST BE LICENSED SEPARATELY			

Boxlight Reseller Authorization

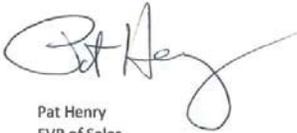


February 19, 2018

To Whom It May Concern:

Howard Technology is an authorized, Premier reseller of our products in the state of South Carolina.

Best regards,



Pat Henry
EVP of Sales
Boxlight Mimio

1045 Progress Circle | Lawrenceville, Georgia | 30043
205



Solicitation No. 18C-018

Service Exceptions

Section 4.0.1.12

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WorldWide Data

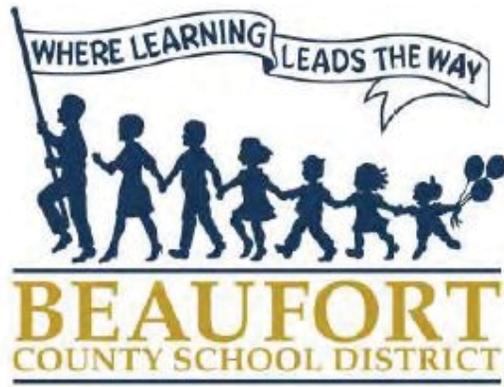


Service Exceptions

Section 4.0.1.12

Service Exceptions

No Exceptions | Howard accepts the Terms and Conditions of Solicitation 18-16 for Beaufort County School District In full as noted in Section 4.0.1.5.



Solicitation No. 18C-018

Scope of Work

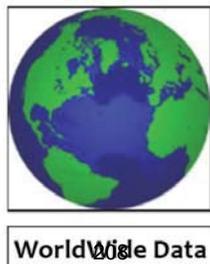
Section 3.0

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and





General Vendor Responsibilities

Section 3.3

BCSD Responsibilities

Building Access I Ensure installers have timely access to installation sites.

Network Drops I Ensure working network drops in all necessary locations, as mutually agreed upon during the site survey, prior to installation.

Power I Ensure power is installed/available in all necessary locations, as mutually agreed upon during the site survey, prior to installation.

Point of Contact I Provide a primary point of contact for the Project Manager to report progress and address concerns.

Timely Communication I Provide timely communications of plans and problems, including a three month rolling schedule for installations.

Timely Inspection I Provide adequate staff to perform timely inspections/feedback of installations as they occur.

Timely Payment I Provide timely payment of invoices in accordance to terms outlined in the RFP.

User Name & Password I Provide installers with user name and password that allows them access into the school network so they can test system connectivity.

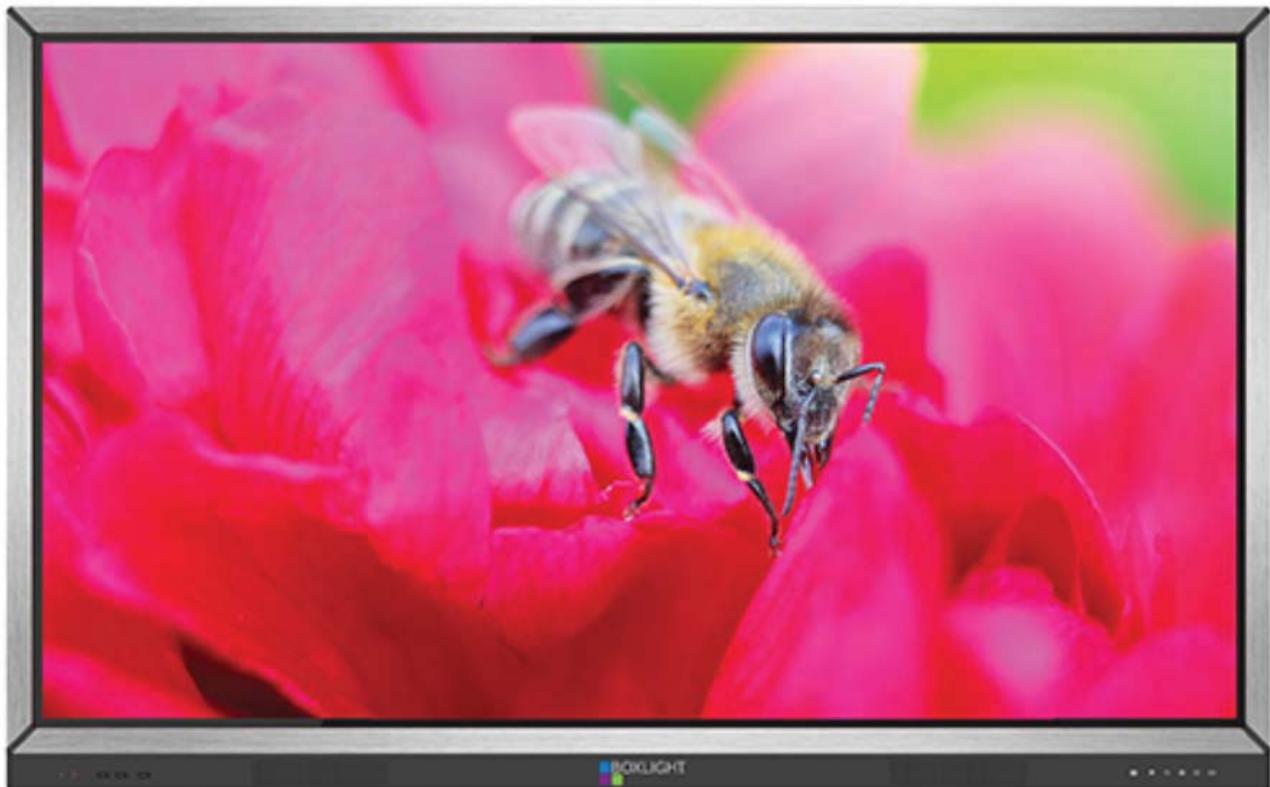
Other I Fulfill other BCSD responsibilities as outlined in the RFP.

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Flat Panel Display

Section 3.6



BOXLIGHT-MIMIO	
Item Name/Number	
Interactive Flat Panels	
PROCOLOR 702U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 752U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 862U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 982U	with 4K, Android, 20 Touch,WiFi-002

EXCEEDS SPECS!

NEW Flat Panel Displays



Seeing is Believing



- ❖ Vibrant 4K UHD Display
- ❖ 55" | 65" | 70" | 75" | 86" | 98"
- ❖ Up to 20 Points Touch
- ❖ Built In Android All Sizes
- ❖ Optional i5 or i7 PC
- ❖ Attach 2 External PCs
- ❖ Built-In Speakers
- ❖ Includes MimioStudio
- ❖ Integrated Solution
- ❖ Leverage ActivInspire Content

PANEL SPECIFICATIONS	MINIMUM	70"	75"	86"	98"	Howard/Boxlight Solution	Panel or PC	Meets Exceeds
HD Flat Panel with Base Android OS	NA					All panel sizes provided are 4k UHD (Ultra High Definition) 3840 x 2160P resolution and therefore EXCEED the minimum specification. All specified panels use Touch 360° Interactivity and offer 20 pts of touch in Win 7+ and 10 pts of touch in Mac (when using Mimio Studio) All specified panels offer a 4 mm thickness acid etched Level 7 MOHS anti-glare glass (equivalent of Quartz) and include a low-friction glass for smooth touch hand-writing. 60 Hz at 110v and 50Hz at 240v All specified panels are 4k resolution native at 3,840 x 2,160 All specified panels include 60 frames per second (fps) All specified panels include 3 HDMI inputs (1 of which includes a 4k/2k input) All specified panels include a VGA input All specified panels include a Display Port input All PC Modules include a 3.5 mm Mic-in and 3.5 mm audio output. All specified panels include a 3.5 mm audio out. All PC Modules include a 3.5 mm output. All specified PC modules include a standard 1000 base-T port. Ethernet for onboard Android 100 mbit. All specified panels include 1 USB 3.0 (side) . All specified PC Modules include 6 USB 3.0 ports All specified panels include 3 USB 2.0 (2 front, 1 on side) . All specified panels include a USB-B for touch control All specified panels include stereo audio at 12W x 2 2 Pens Included All specified panels accommodate VESA mounting 70" at 119 lbs. 75" at 127.7 lbs. 86" at 172 lbs. 98" at 331 lbs. All panel sizes provided are 4k UHD (Ultra High Definition) 3840 x 2160P resolution and therefore EXCEED the minimum specification. All panel sizes provided are 4k UHD (Ultra High Definition) 3840 x 2160P resolution and therefore EXCEED the minimum specification. Included at no additional charge Included at no additional charge	Panel	EXCEEDS
Touchscreen	10 Point						Panel	EXCEEDS
Gorilla Glass or Industry Equivalent	Yes						Panel	MEETS
Hz	Yes	60Hz*	60Hz*	60Hz*	60Hz*		Panel	MEETS
Resolution	Yes	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160		Panel	EXCEEDS
Frame Rate	Yes	60 FPS	60 FPS	60 FPS	60 FPS		Panel	MEETS
HDMI Inputs	3 or 4						Panel	EXCEEDS
VGA	Yes						Panel	MEETS
Display Port	Yes						Panel	MEETS
3.5 Audio In	Yes						PC	MEETS
3.5 Audio Out	Yes						Panel/PC	MEETS
Ethernet	Yes						Panel/PC	MEETS
USB 2	Yes						Panel	EXCEEDS
USB 3	Yes						Panel/PC	EXCEEDS
USB-B	Yes						Panel	MEETS
Integrated Sound	Yes					Panel	EXCEEDS	
Pens	2					Panel	MEETS	
Accommodate VESA 4 mounting	Yes					Panel	MEETS	
Flat Panel Weight	Yes	119#	127.7#	172#	331#	Panel	MEETS	
HD Flat Panel with all above		\$0	\$0	\$0	\$0	Panel	EXCEEDS	
4K HD Flat Panel Display (all else same)	Provide Option	\$0	\$0	\$0	\$0	Panel	EXCEEDS	
RS-232 option cost	Optional	\$0	\$0	\$0	\$0	Panel	EXCEEDS	
Wireless Native (cost to include wireless)	Provide Option	\$0	\$0	\$0	\$0	Panel	EXCEEDS	



Explanation of Solution

Section 3.11.2

Best of Breed Turnkey Solution

Thank you again for the opportunity to respond to RFP No. 18C-018. We understand that while educational tools provide a foundation for giving every student the best possible education, real transformation takes place when the tools are utilized effectively as a seamless part of the learning process. In order to support Beaufort CSD's commitment to provide each student a highly effective education, we are offering a best-of-breed turnkey solution that includes installation and configuration of integrated hardware and software tools, training, and warranty support designed to improve instruction and student achievement, both now and in the future.

Best-of-Breed Turnkey Solution | Howard Technology Solutions is partnering with Boxlight, and World Wide Data Systems, to provide Beaufort County School District a best-of-breed turnkey solution that includes interactive technology, professional development, installation, and award winning support.

Experienced with Large Implementations | Over the past 30 years our team has helped hundreds of districts successfully implement interactive technology in over 750,000 classrooms. Our technology partner, Boxlight Mimio, is an award winning industry innovator, who has impacted the lives of millions of students since their founding in 1985. Our installation and services partner, World Wide Data Systems (WWDS) has successfully installed and supported thousands of classrooms at numerous districts including: Miami Dade, Atlanta Public Schools and Dekalb County. Our secret to success? Hiring highly qualified staff that help districts implement turnkey solutions that are easy, effective and fully integrated.

10 Reasons To Partner With Us

10 Reasons | Why Howard, Boxlight Mimio and WWDS are the best partners for Beaufort County Schools...

- 1. Integrated |** One Software Supports Entire Hardware Suite & Works Seamlessly with Existing Content
- 2. Superior Products That Support Instruction |** Award Winning Solutions That Accelerate Learning
- 3. Protects \$40M+ Investment in ActivInspire Content |** Enhance Instead of Recreating
- 4. Easy |** Easy to Learn | Easy to Use | Consistent Interface | Leverages Existing Content & Knowledge
- 5. Effective |** Engages All Students With Real Time Collaboration, Assessment & Simultaneous Display
- 6. Works with Google |** Google Drive | Google Docs | Google Sheets | Google Slides | Google Keep....
- 7. Extensive Experience with Large Implementations |** Including Miami Dade and Atlanta Public Schools
- 8. Award Winning Support |** Boxlight Tech Support is Available 24 x 7 x 365
- 9. Proven Track Record |** 30+ Years and Going Strong!
- 10. Foundation for the Future |** Experienced, Low Risk Partner Who Will Be With You Long Term

We welcome the opportunity to become a trusted long-term technology partner with Beaufort County School District. The following pages outline why partnering with us in your best interest.

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TECHNOLOGY SOLUTIONS

10 Reasons Why

Top 10 Reasons I The cover letter lists 10 reasons to select Howard Technology Solutions, Boxlight Mimio and WorldWide Data Systems as your partners for Interactive Classroom Technology. The following pages contain an abundance of concrete details that explain our products, practices, the value we bring to our customers, and why partnering with us is in the best interests of Beaufort County School District.

Reason #1 Integrated Solution

The Importance of Integration I The ideal solution is an integrated solution. Why? Because a teacher's focus should be on teaching, not technology. How many times have you heard a teacher say, "I don't have time to learn one more thing!" How often do technology investments go unused because teachers haven't had sufficient training? Implementing an integrated solution that uses a common interface helps address both of those issues.

Single Software for Entire Solution I MimioStudio software makes it easy for teachers to seamlessly incorporate technology into their lessons. Teachers love using a single piece of software to not only create and deliver collaborative interactive lessons and assessments, but also to access auxiliary products such as document cameras and STEM devices.

Integrated by Design...



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Reason #1 Integration

Seamless Integration with 3rd Party Content | Not only does Boxlight Mimio offer a fully integrated interactive technology solution, they have designed it to integrate seamlessly with content created using 3rd party software such as ActivInspire, PowerPoint, Smart Notebook and Examview.



Boxlight Panels are Compatible with Smart Notebook, PowerPoint, ActivInspire, Word and ExamView. Designed to work with any software, MimioStudio opens files created in Notebook, PowerPoint, Word and Inspire without importing or converting, making it easy for teachers to continue using previously prepared lessons.

Every Boxlight ProColor Panel Comes With a Perpetual License of MimioStudio, providing users with robust, yet easy-to-use, interactive learning software at no additional charge. Want to create engaging lessons quickly and easily? Annotate over PowerPoint? Capture what's written on the board? Record a lesson on the fly? Let the system grade the test? Receive student feedback? Use your ActivInspire or Notebook lesson? Everything you need is at your fingertips...in Mimio Studio.

Accurately Import PowerPoint, ActivInspire, Word, ExamView and Smart Notebook files. Mimio Studio quickly, easily, and accurately opens multiple file types such as Smart Notebook, PowerPoint, Word, PDF or ActivInspire, protecting the tremendous investment your district has made over the years, developing learning resources.

The Ultimate in Flexibility. The inclusion of Mimio Studio provides end users with the ultimate in flexibility. If you want to run ActivInspire or Smart Notebook on your Boxlight panel, you can. If you don't have a license of ActivInspire or Smart Notebook available, you can simply use your previously prepared lessons in MimioStudio.



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Reason #2

Superior Products That Support Instruction

Award Winning Affirmation I Far more than “One Shot Wonders,” Boxlight Mimio products are recognized year after year for our innovation and educational effectiveness. The award logos listed below are a subset of the accolades Boxlight & Mimio have achieved since 2011.

Products Designed with the Classroom in Mind I Boxlight Mimio products are designed from the ground up for classroom use. Key design considerations include: Ease of Use, Seamless Integration, Increased Student Engagement, Immediate Feedback, Robust Collaboration Tools, Interoperability with 3rd Party Content (ie content created in ActivInspire, PowerPoint, PDF, Word, Smart Notebook, and ExamView), Providing a Free Student Version of the Software, as well as Data Driven Instruction Through Embedded and On the Fly Polling, and Transparent Capture of Student Work.



BOXLIGHT | Mimio
Easy. Effective. Affordable.

HOWARD™

TECHNOLOGY SOLUTIONS

Reason #3

Protects \$40+ Million Investment In Teacher Created & Curated Digital Content

Superior Protection | We estimate that over the past 5 years Beaufort County teachers have invested over **\$40 Million dollars** of time and effort creating and curating interactive digital content. The chart below explains our assumptions and how we arrived at our estimate.

Designed to Work | Implementing Boxlight panels with MimioStudio software will protect this significant investment going forward, because MimioStudio was designed from the ground up to be compatible with leading 3rd party software such as Promethean's ActivInspire and PowerPoint.

Instant Access | Mimio Studio's object-oriented approach to digital content lets teachers instantly open and use content created using 3rd party tools, including ActivInspire, PowerPoint, Smart Notebook and PDF's.

No Need to Convert or Import | MimioStudio eliminates the need to go through an import or conversion process, saving teachers precious time and a lot of frustration.

Seeing is Believing | For districts like with a significant investment in digital content, the importance of this capability cannot be overstated. We strongly recommend you see the results for yourself, prior to selecting a go-forward partner. With MimioStudio, seeing is believing.

Best of Breed | MimioStudio does a better job in this area than any other software we've seen.



Reason #4

Easy!

Why is Our Solution So Easy?

Leverage Existing Content | One of the things teachers love about MimioStudio, is that they don't have to start from scratch. As discussed in Reason #1, content created in PowerPoint, Inspire, Smart Notebook or ExamView opens automatically in MimioStudio, allowing teachers to "hit the ground running" using and enhancing content they have already created.

Builds Off Existing Knowledge | People who have experience with PowerPoint, Inspire or Smart Notebook already know 80% of what they need to know about MimioStudio. Toolbars were intentionally designed with recognizable icons. Teachers know what most of the icons on the tool bar are without having to be told. Why? Because they are familiar. Open, save, cut, copy, paste, delete, undo, redo, add a new page...zoom. Most teachers know this without any training.

80%



Learn One Software | For starters, teachers only have to learn one piece of software. Why is this important? Because it allows them to use the same interface regardless of the type of hardware. MimioStudio provides a consistent interface...whether you're using a flat panel, interactive whiteboard, MimioPad, MimioVote, or the MimioView document camera.



MimioStudio
classroom software

Only Learn ONE Software!



One Software Platform



Multiple Types of Hardware



Reason #5

Effective

Why is Our Solution So Effective?

Differentiates Instruction



“With MimioMobile, differentiated instruction has never been easier! As a classroom teacher, I can create a lesson in MimioStudio for various ability levels. My students then collaborate in small groups using their mobile devices to engage in active learning.”

Paul Gigliotti, History Teacher

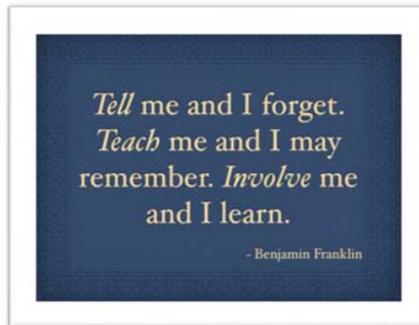
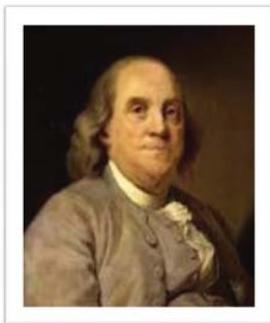


Provides Immediate Feedback from Integrated Assessments | Access to real time feedback accelerates student learning, and helps teachers know whether or not they need to reteach. Student responses are stored automatically providing teachers with accurate data to assess student progress and customize learning.

Reason #5

Effective

Promotes Active Involvement | Benjamin Franklin had it right. People learn better when they're involved. Researchers have found that learning retention increases significantly when learners are actively engaged in their learning via hands on application in real world settings. For that reason the most effective teaching methodology is not listening to a teacher present a PowerPoint, or passively watching a video. The most effective training takes place when learners are actively engaged.



Teaching Method	Knowledge Retention
See I Hear Lecture	5%
Reading	10%
Audio Visual I Video	20%
Demonstration	30%
Discussion Group	50%
Practice by Doing	75%
Teaching Others	90%
Immediate Real World Application	90%

Everyone Can Participate | Digital Natives prefer learning that is hands on. Gone are the days of one student working at the board at a time. MimioStudio collaboration tools allow teachers to send interactive content to their students with the push of a button. Everyone is engaged simultaneously, working either individually or in groups, from their desk or at the front.

Interactive Lessons | Research clearly shows that actively engaged learners retain knowledge at significantly higher rates than those who are passive recipients. Interactive content engages students and provides immediate feedback that accelerates learning.

Multi-Modal Content | Boxlight's 4K Interactive Panel with built in speakers and 20 Touch Points simultaneously engages all modalities of learning...visual, auditory and kinesthetic.



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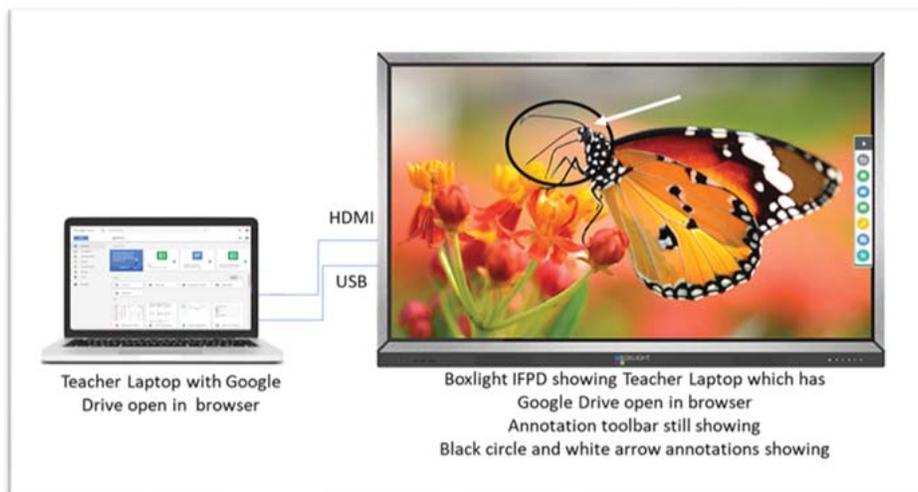
TECHNOLOGY SOLUTIONS

Reason #6

Works with Google.

Google Drive Integration | The Boxlight Procolor panels uses a built-in Android OS which supports the ability to save any content created within our whiteboard app to be uploaded to Google Drive, providing ease of access of both teacher and student created materials. In addition to logging on to a Google account with an onboard or external PC, the panel can be connected to a Chromebook to allow use of the both the onboard Android tools and any Chrome App or Extension existing in the user's logged in Chrome account. In addition, Boxlight's MimioStudio Software can access Google Drive directly.

Enhance Google Docs, Sheets & Slides | The Mimio Studio software will natively open multiple file formats, including PowerPoint. A Google Slide lesson can easily and quickly be downloaded as a PPT file format, and then opened for use within the Mimio Studio lesson. Additionally Google Docs or Google Sheets can be saved in PDF and opened easily within our software for immediate use.



Google Keep & G Suite | Mimio Mobile's app is available in the Google Play Store. The Mimio Mobile application's login information - either a QR code or Web ID can be kept in Google Keep for immediate access within the Google Classroom environment using the app quick launch menu . Within Google Classroom, the teacher can add a link as well, allowing the student the ability to connect to a Mimio Mobile session. A teacher can quickly access student work developed using G-suite tools, and with a few quick clicks, can open and share the work out to any connected student device. This allows for not only collaboration, but the ability for team or individual work to be created, visualized, and saved.

Google Classroom | Boxlight is committed to enhancing and improving our award winning software and mobile applications to integrate with Google tools, in particular Google Classroom, to provide seamless use of these phenomenal tools within the teaching environment. We look forward to making enhancements that will support the use of technology tools to help support multiple pedagogy models, and provide digital learning opportunities using Boxlight Mimio's education solution suite.

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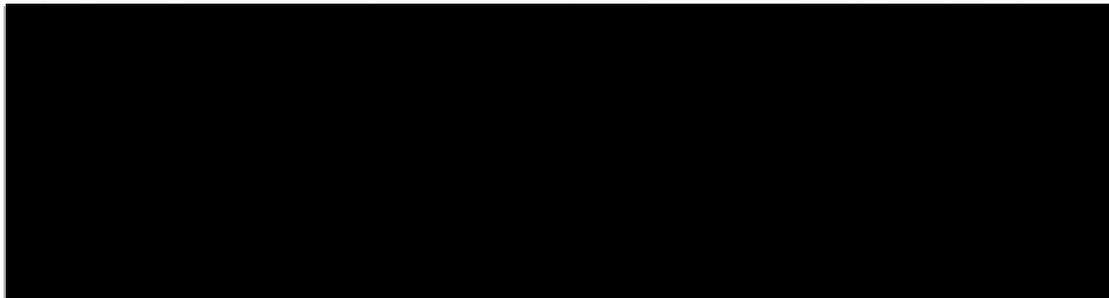
TECHNOLOGY SOLUTIONS

Reason #7

Extensive Experience With Large Implementations

Experience Matters. Our team members have extensive experience in large implementations. This experience is a tremendous asset to any district doing a large deployment. Our knowledge sets the groundwork for a smooth implementation, as we are able to implement best practices that allow us to anticipate and avoid potential problems, providing a better end user experience.

Districts we have helped successfully implement include:



PROVEN TRACK RECORD | Reduced Risk



HOWARD™

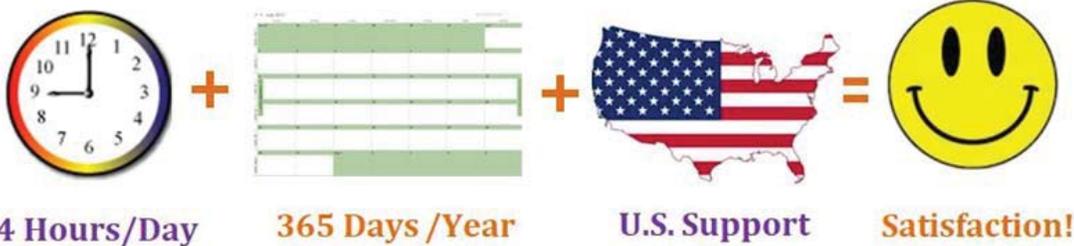
TECHNOLOGY SOLUTIONS

Reason #8

Award Winning 24 x 7 Technical Support

Unparalleled Technical Support | U.S. Based!

Boxlight offers customer support that is second to none. Our entire service and support staff is highly trained and ISF Certified. Available **24 hours a day, 365 days a year**, our technicians are available any time of the day or night, minimizing frustration and downtime.



“Always Available” | Immediate Replacement Kit

As highlighted above, Boxlight’s technical support team is always available. 24 hours a day. 7 Days a week. 365 Days a Year. You can contact them directly via phone, email, or live chat. But that’s not the only thing that is “Always Available.”

Experienced Support Team | WorldWide Data Systems

In order to provide the best possible service, we have engaged the best possible team...WorldWide Data Systems. Headquartered in Alpharetta, GA, WorldWide is always ready to help when the need arises. In addition we have resources based in South Carolina, such as Howard employee Brian Featherston.

Winner of Customer Service Department of the Year



Boxlight was pleased to win the American Business Awards Customer Service Department of the Year Award. Even more important than the award, is the level of service we provide our customers. Your satisfaction is what counts most!

Support for a Lifetime | “Partners for Life!”

Boxlight technical phone support is available 24 hours a day, 7 days a week, 365 days a year, not just while the equipment is under warranty, but for the life of the equipment. Our customers are important to us, so we stick with you for the long haul!



Reason #9

Proven Track Record

Long Term Partnership | When it comes to selecting a long-term partner, one that you can count on for years to come, examining their past performance can provide tremendous insight as to what to expect in the future.

“Best of Breed” People, Products & Services | Howard Technology Solutions has been serving the education community for many years. During this time, we’ve had the opportunity to interact with thousands of customers to develop a deep understanding of what makes technology successful in the classroom. We’ve used that information as our guide in selecting “Best of Breed” partners and products that cover a wide range of technology solutions. Boxlight Mimio and WorldWide Data Systems are head and shoulders above most companies. The quality of their people, products and services is unsurpassed which is why we’ve selected them as partners for your strategic project.



Award Winning Products | As was highlighted in “Reason #2” Boxlight Mimio continues to produce award winning products year after year. Since their inception in 1985, Boxlight has received awards for everything from Best Customer & Warranty Service to Most Innovative Tech Company and Best New Product of the Year. Why is this important to BCSD?

Confidence | First of all, it provides confidence that you are investing your resources in proven products that have a strong track record of success in the classroom. Products that withstand the test of time. Content developed using MimioStudio 10+ years ago still works in today’s environment because Boxlight Mimio understands the size of your investment and is committed to protecting it.

Unsurpassed Service | Organizations such as Atlanta Public Schools, Miami-Dade County, Boxlight and Promethean recognize the unique ability and experience that WorldWide Data Systems has in implementing and supporting large technology projects. There’s a reason WorldWide has been trusted to install more than 25,000 interactive classrooms. They do it with excellence. Every time.

Proven Track Record of Success | Howard Technology Solutions has a long history of providing innovative solutions that make a difference in student’s lives. We are proud of the deep partnerships we have built over the last 20 years. Our customers appreciate our professionalism, personalized service and quality products and installation. We welcome the opportunity to expand our relationship as a “Partner of Choice” for Beaufort County School District.

Reason #10 Lowest Risk Foundation for the Future

Lowest Risk

What makes our offering the Lowest Risk solution for BCSD? Many reasons, outlined below.

Integrated Products That Perform Easily & Seamlessly

In order to maximize instructional time and student outcomes, equipment needs to work consistently. Boxlight Mimio has a 30 year history of providing award-winning products that perform. Although Boxlight's excellence is consistently applauded within the industry, their most important priority, like Howard and WorldWide Data Systems, is making sure our customers have products that perform seamlessly so you can keep your focus where it should be...accelerating student success.

The Interactive Classroom



24 Hours
365 Days

Always Available Support

On those occasions when assistance is needed, help is only a phone call away. Available 24/7, every day of the year, Boxlight's award-winning, U.S. based Technical Support Team will help you get up and running as quickly as possible.

Proven Track Record | Over 30 Years

Most companies intend to be in business and able to support you 10 years from now. However, the facts are that intentions don't reflect reality. According to Inc. Magazine, 96% percent of businesses fail within the first 10 years. Amazing! Only 4% of companies make it past the 10 year mark, making company longevity an important consideration when it comes to selecting a long term business partner. Both Howard Technology Solutions and Boxlight Mimio have been in the business over 30 years. Selecting us as your long term partner greatly reduces the risk of being "on your own" before the conclusion of the 10 year life expectancy of the panels.

Foundation for the Future

We've been helping districts achieve their goals for over 30 years. Being a trusted advisor to our clients has been the cornerstone to our success. Our hope is that we will have the opportunity to partner with Beaufort County School District for many years to come.



Presentation Collaboration Software Connects the Entire Classroom



MimioStudio | The “Glue” That Connects All the Components

MimioStudio integrates all MimioClassroom™ products, making it easy for teachers to seamlessly incorporate accessories such as document cameras and tablets into their interactive lessons using the same piece of software. Powerful, yet easy to use, MimioStudio makes it easy for educators to create and deliver interactive digital learning content, collaborative activities, and real-time assessment for learning. Assessments can be pre-prepared using drag-and-drop templates, or easily administered on the fly. Available formats include multiple choice, short answer, numeric and short essay. MimioStudio works seamlessly with content created in programs such as PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView.

One Software | 3 Components

3 Components | There are 3 major components to MimioStudio Software:

- 1. MimioStudio Notebook |** Lesson Development & Delivery
- 2. MimioMobile |** Collaboration, Assessment & Remote Control
- 3. MimioStudio Gradebook |** Attendance | Assessment Results | Performance “At a Glance”

Create.

Leverage & Enhance Existing Content | Including ActivInspire

One of the reasons teachers love MimioStudio is its ability to work seamlessly with content created in programs such as Google Docs, Google Slides, Google Sheets, PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView. MimioStudio's unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio's object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.



EXAMPLE | 3rd Party File Open & Functioning in MimioStudio....Without Converting!



Create New Content | Using Existing Skills and Knowledge

Teachers who have experience with PowerPoint, Inspire or Smart Notebook already know 80% of what they need to know about MimioStudio. Toolbars were intentionally designed with recognizable icons. Teachers know what most of the icons on the tool bar are without having to be told. Why? Because they are familiar. Open, save, cut, copy, paste, delete, undo, redo, add a new page...zoom. Most teachers know this without any training.



Manipulate.

Object Oriented. MimioStudio's object oriented design makes it easy to manipulate content, allowing teachers to customize their own work and effectively use and modify content created by others.

3rd Party Content. This design structure plays a key role in allowing advanced functions created in other software, such as Smart Notebook. The USA States and Capitals lesson, created using Smart Notebook, is fully functional and editable, *without conversion*, in MimioStudio.

Move. The ability to move objects is important in both lesson creation and lesson delivery. It's easy in MimioStudio...just drag and drop!

Add Actions. Clicking or dragging an object can activate actions such as playing a sound, going directly to another page or website.

Add Sounds. Students love to hear the sound of applause! MimioStudio makes it available by simply touching an object. Sound can be used in science to hear the call of a bird, in music to hear the tone of a note, in social studies to hear Martin Luther King's "I Had a Dream" speech, and in ESL and foreign language to help students learn how to pronounce words.

Add Links. Time is of the essence. Teachers can maintain focus and maximize instructional time by adding links that lead directly to desired content. Be that a PDF, Word document, website, video, or another page in a lesson.

Clone. Cloning changes the properties of an object so that every time you drag it, you get another. This is especially helpful when teaching students how to make change, or working with different parts of speech.

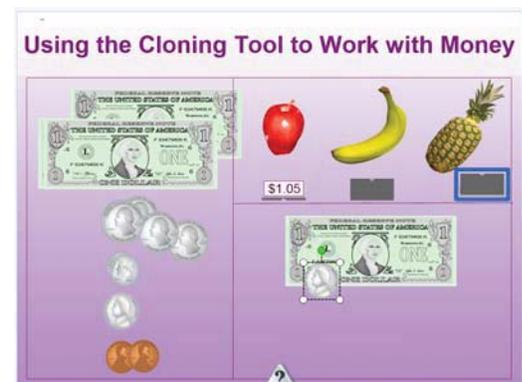
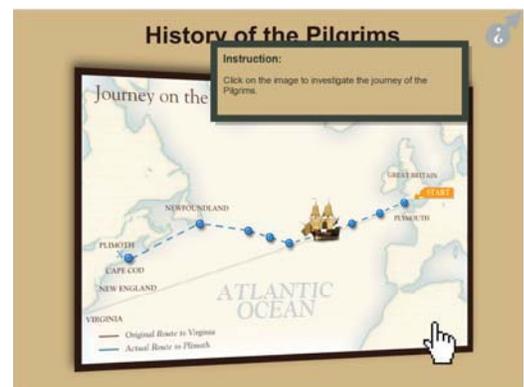
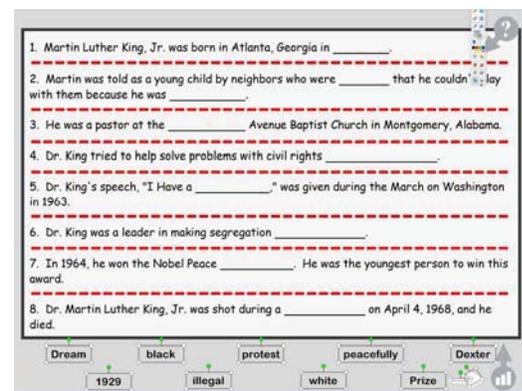
Group. Grouping lets multiple objects to be treated as a single unit, making manipulation fast and easy.

Layer. A favorite technique of exemplary teachers, layering allows teachers to create digital "stacks" and to "hide" content beneath other objects, which can be revealed at the appropriate time.

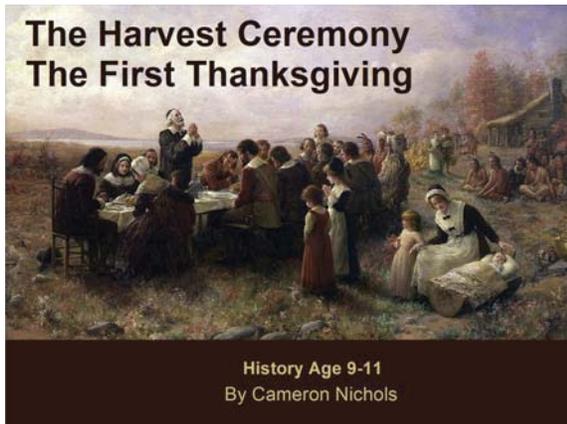
Animate. Animating an option adds motion which promotes focus and interest. Objects can be set to fade in or out, grow, shrink, and slide in from almost anywhere on the page.

Align. Left, right, top, bottom, center, to grid...

Cut, Copy, Paste....and many other helpful functions.



Save.



Content created in MimioStudio can be saved in a variety of formats including:

- **MimioStudio** (.ink)
- **BMP** (*.bmp)
- **CompuServe GIF** (.gif)
- **JPEG** (.jpeg)
- **PNG** (.png)
- **TIFF** (.tif)
- **Metafile** (.wmf)
- **Interactive Whiteboard** (.iwb)
- **Acrobat** (.pdf)

Works with 3rd Party Content | Saving Teachers Valuable Time

One of the things that makes MimioStudio consistently outshine the competition is its ability to work seamlessly with content created in programs such as ActivInspire, PowerPoint, Word, PDF, Smart Notebook and ExamView. MimioStudio's unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio's object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.

MimioStudio Benefits

Easy to Learn | Only Learn ONE Software

Tell teachers you're giving them new technology, and you're likely to hear them say...

“I don't have time to learn one more thing!!”

Districts who adopt MimioStudio can respond...

***“That's OK. You don't have to.
You already know enough to start using the system.”***

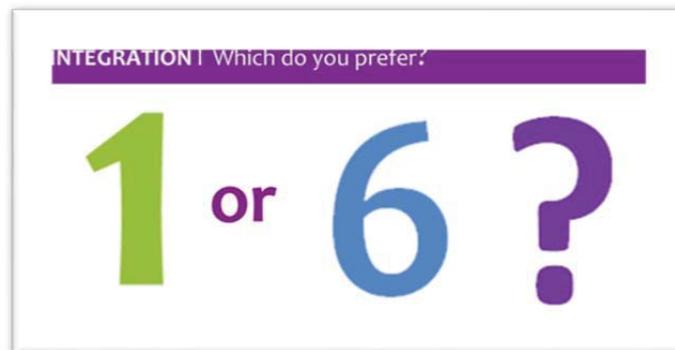
How can that be?

Leverage Existing Skills | MimioStudio was designed with teachers in mind. We know how busy they are. Teachers who know how to use programs like PowerPoint, ActivInspire and Smart Notebook already know 80% of what they need to know to use MimioStudio.

Start Using the Software Day 1 | Teachers can start using the software Day 1 by leveraging their existing skills. They already know how to annotate with the pen, highlighter and eraser. How to add text. Cut. Copy. Paste. Delete. Save. They can use lessons they already have. Lessons they created in PowerPoint, Inspire, Smart Notebook or Examview. It doesn't get any better than that!

Easy to Use | **Learn Once...Use Again, and Again, and Again...**

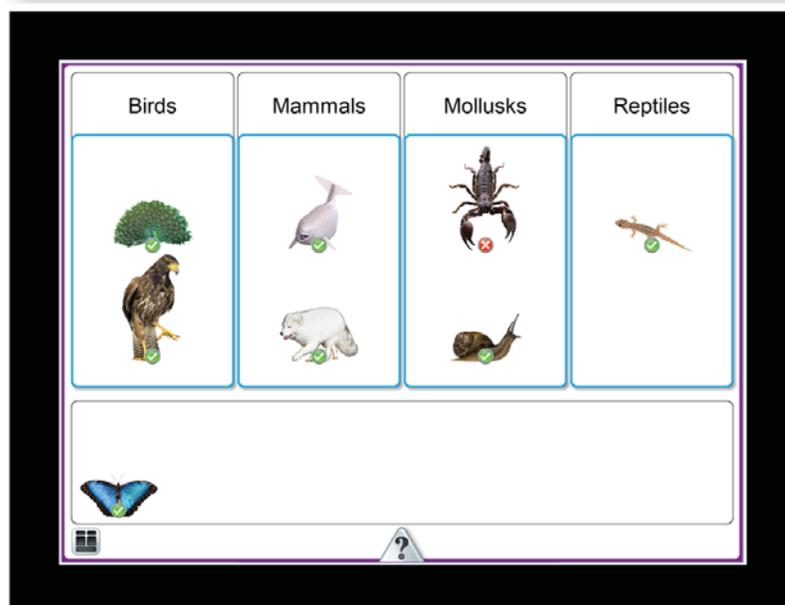
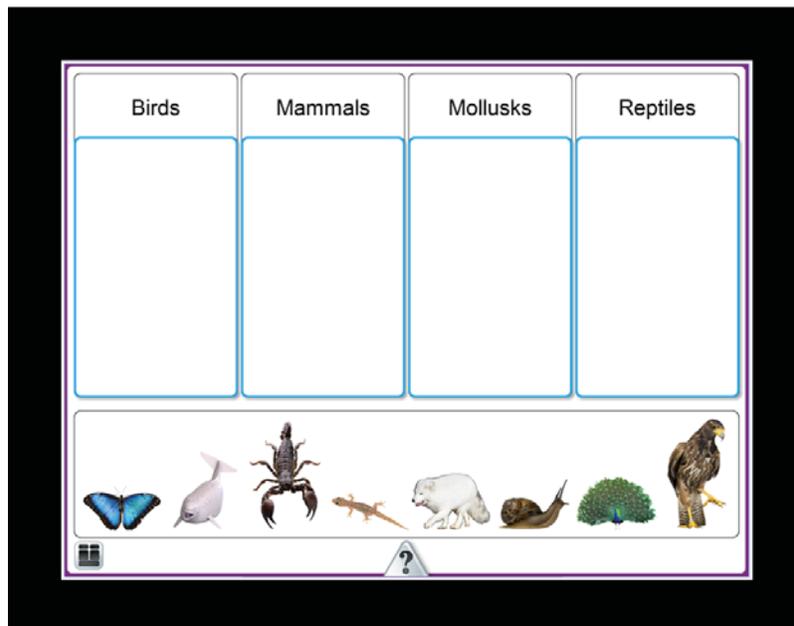
One or Many? | Give teachers a choice of learning one software that runs everything, or a different piece of software for every device...guess what they'll pick? They'll pick learning one software almost every time. Why? Because it takes less time to learn and is easier to remember, easier to use. Consistency creates confidence. Consistency increases usage. Consistency let's teachers focus on teaching, not the technology.



Efficient | Powerful Tools Make Creating Interactive Lessons a Snap!

Built-In Activity Wizard | MimioStudio's ActivityWizard uses a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in less than a minute. Activities like the one below (3-5th grade animal classification) can be used for whole group instruction, or pushed out to student devices as an individual or group activity. Work from up to 50 students can be simultaneously displayed.

Customizing the Activity | Teachers can let the system selecting the content automatically, or they can individually select a set of items from the answer pool. They can also choose whether or not to include distractors, and whether they want the students to receive immediate feedback or wait until they have completed the activity. At the touch of a button content can be reset or refreshed. Activities vary by grade level and content area.



Effortless | Over 5,000 Lessons Available...Free!

5,000+ Free Teacher Created Lessons | Want to accelerate your lesson development time? Leverage lessons created by other teachers...available for free at www.mimioconnect.com. Membership is free, and lessons are searchable by subject, grade level, author, popularity and keyword. Teachers can “use-as-is” or customize to meet their needs. See samples below.

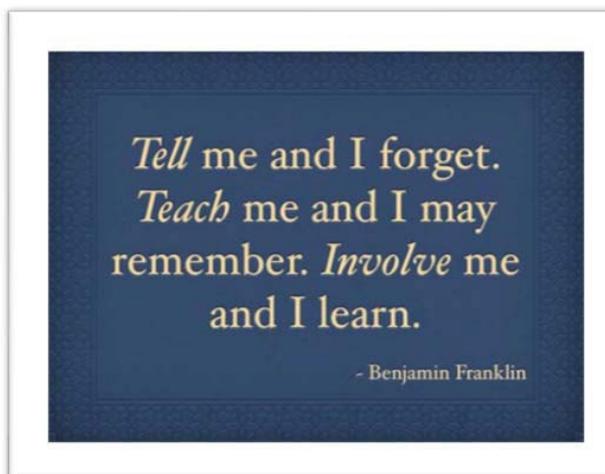
The screenshot shows the MimioConnect website homepage. At the top, a purple banner reads "EASY | Ready Made Resources...". Below this is the "MimioConnect" logo and the tagline "Interactive Teaching Community". The navigation menu includes "Lesson Plans & Activities" (highlighted with a red box), "Members", "Forums", "Groups", "Training", "Ask a Master", "Events", and "Mimio". A search bar is located on the right. The main content area features a large purple banner for "MimioMobile Starter Pack" with the text "Activities, Tips, Assessment, and More to Help You Get Started with MimioMobile". To the right of this banner is a login form with fields for "Username:" and "Password:", a "Log In" button, and a link for "Forgot Your Password?". Below the login form is a section titled "Why Become a Member?" with three bullet points: "Find Content" (highlighted with a red box), "Get Interactive", and "Learn More".

A grid of nine sample lesson cards is displayed. The cards include: "The Harvest Ceremony The First Thanksgiving" (History Age 9-11 by Cameron Nichols); "MEET THE CANDIDATES" (Social Studies (5-18 Years)); "Landforms" (Where will you visit first?); "Amazing Human Body Facts Word Problems!" (Mixed Operations for Grades 3-5); "STEM ACTIVITIES LABDISC PORTABLE LAB" (featuring a child using a portable lab); "Go Math 9.2 pg 375" (Share and Show, Coordinate Grid A, Math Talk); "Character and Setting Mimio Whiteboard Lesson" (Includes K-2 Common Core Standards); "MimioMobile Starter Pack" (Activities, Tips, Assessment, and More to Help You Get Started with MimioMobile); and "Learn Your Sight Words!" (by Patty Dod, www.AmazingClassroom.com).

Educational Outcomes | Increased Student Engagement



Engage Students | Students learn better when they're involved. Digital Natives prefer learning that is hands on. Researchers have found that learning retention increases significantly when learners are actively engaged in their learning via hands on application in real world settings. Critical thinking and higher order learning are both enhanced through collaboration. Consequently, the most effective teaching methodology is not listening to a teacher present a PowerPoint, or passively watching a video. The most effective training takes place when learners are actively engaged.

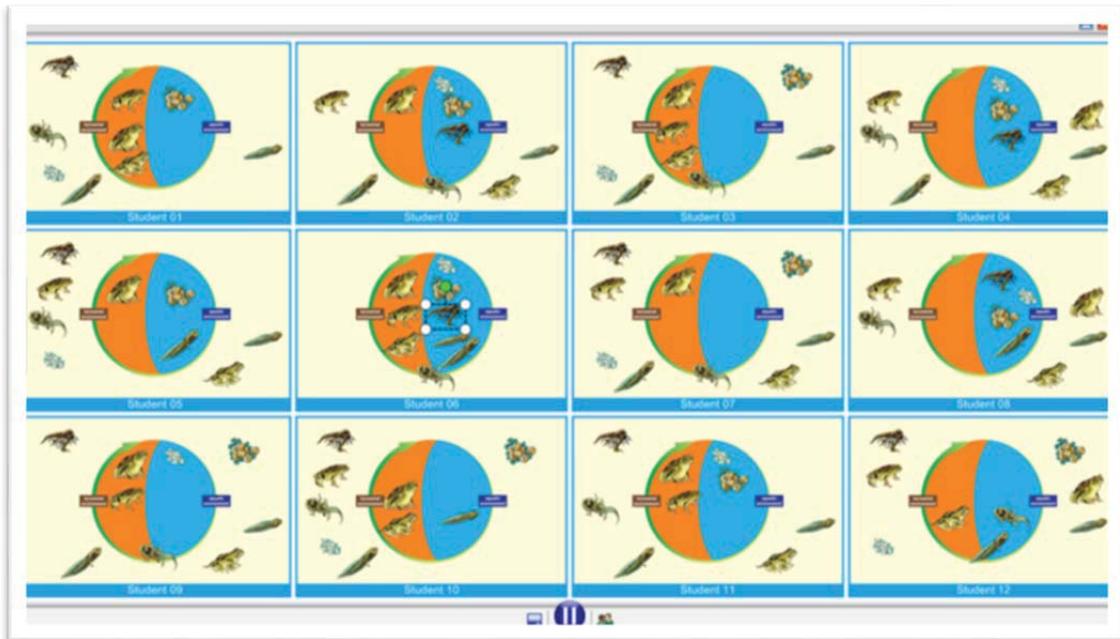


Teaching Method	Knowledge Retention
See Hear Lecture	5%
Reading	10%
Audio Visual Video	20%
Demonstration	30%
Discussion Group	50%
Practice by Doing	75%
Teaching Others	90%
Immediate Real World Application	90%

Simultaneous Participation | Gone are the days of one student working at the board at a time. MimioStudio collaboration tools allow teachers to send interactive content to students with the push of a button. Everyone is engaged simultaneously, working either individually or in groups, from their desk or at the front.



Simultaneous Display of Student Work | MimioStudio's collaboration features allow teachers to display the work of up to 50 students simultaneously. At a touch of a button they can hide the work, pause activity, or resume display.



Simultaneous Interaction | Not only can teachers display student work, they can interact with it real time from the front of the class, while the student continues working at their seat. Both have the ability to annotate, drag and drop etc., simultaneously in real time.



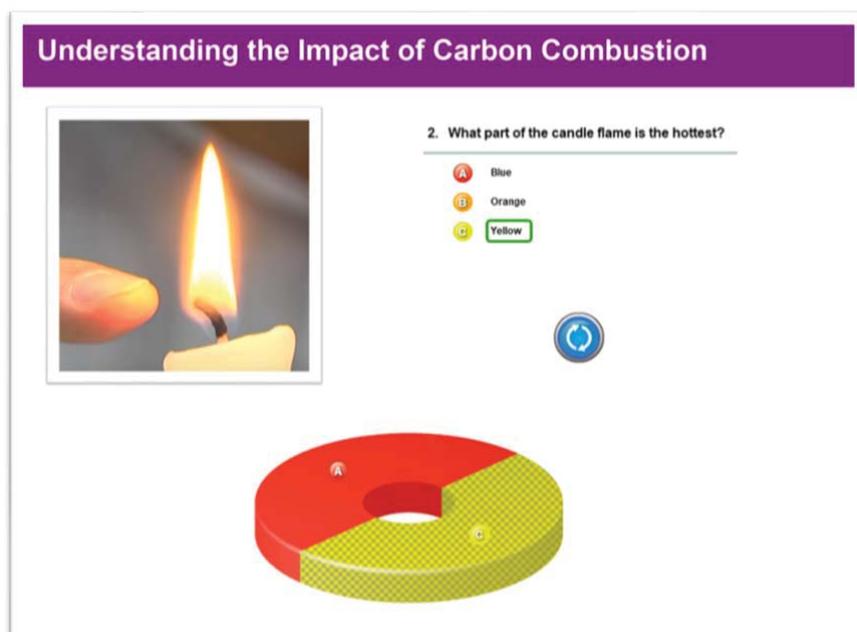
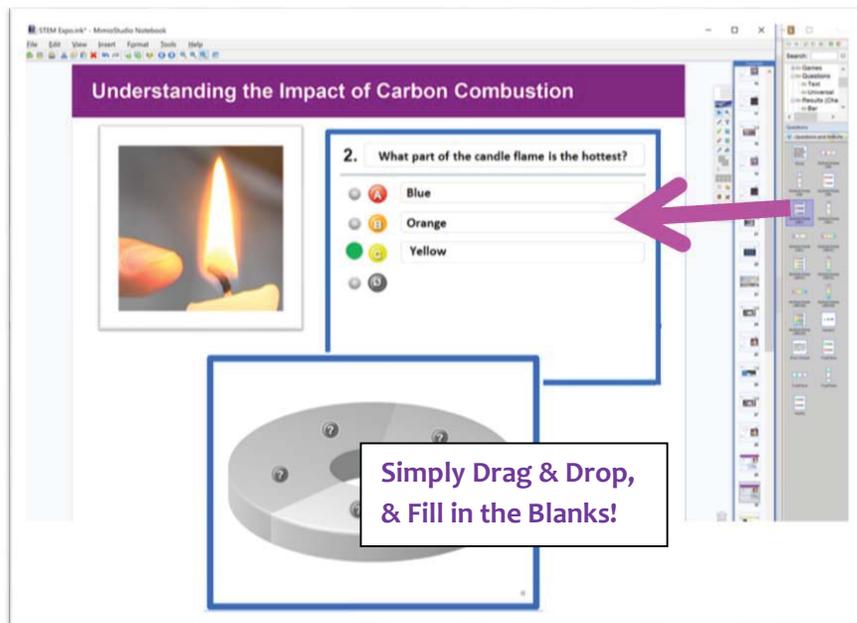
Multi-Modal Content | Boxlight's 4K Interactive Panel with built in speakers and 20 Touch Points simultaneously engages all modalities of learning...visual, auditory and kinesthetic.

Accelerated Learning! | Hands-on, interactive content engages students. Engaged students stay on task and are actively involved in their learning, accelerating the learning process. Want to keep your students engaged? Keep them actively involved in the lesson.

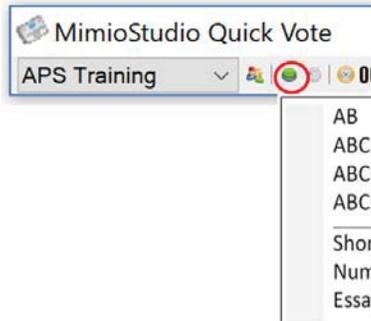
Effective. | Real Time Assessment

Integrated Assessment | Real time feedback allows student data to drive the pace of the lesson, keeping students engaged. Teachers no longer need to “guess” whether they should move on or extend the learning. Students get immediate feedback, building their confidence when they’re correct, and enabling them to ask questions when they need further explanation.

Assessment Creation Made Easy! | With MimioStudio, creating assessments is a breeze! Teachers simply drag and drop the template for the desired question format onto their page and insert the question. For multiple choice questions, they simply type in the possible answers and select which, if any, is correct. Available templates include: Numeric, Short Answer, Short Essay, True/False, Yes/No and Multiple Choice. Students can respond using Laptops, Chromebooks, iPads, Tablets, or Cell Phones.



Create Assessments On the Fly | Teachers also have the ability to quickly create assessments on the fly using MimioStudio's Quick Vote Tool.



Questions can be multiple choice, short answer, numeric or essay. See the results immediately! Questions and answers are recorded automatically by student.

Assess Student Progress At a Glance | Not only does MimioStudio automatically record and grade individual student responses, it provides a wealth of information “at a glance.” For example, in the table below you can see that the majority of the students have mastered the content. For Question 2, you can see the question, available answers, correct answer, as well as individual student responses. You can also see each student’s cumulative average.

Last Name	First Name	Attendance	Average	Q1	Q2	Q3	Question
Aragon	Trista	Present	52.0/60.0 (86.7%)	1	1	1	One chemical property of matter is <input type="radio"/> density <input checked="" type="radio"/> reactivity <input type="radio"/> texture. <input type="radio"/> boiling point. Weight: 1.00 Actions <input type="button" value="Edit Question"/>
Bermudez	Stirling	Present	52.0/60.0 (86.7%)	1	1	1	
Dugan	Rachel	Present	54.0/60.0 (90.0%)	1	1	1	
Duncan	Julie	Present	48.0/60.0 (80.0%)	1	1	1	
Erwin	Cody	Present	49.0/60.0 (81.7%)	1	1	1	
Franklin	Steve	Present	48.0/60.0 (80.0%)	1	1	1	
Gouge	Joe	Present	45.0/60.0 (75.0%)	1	1	1	
Hazen	Tony	Present	51.0/60.0 (85.0%)	1	1	1	
Hochstein	Craig	Present	53.0/60.0 (88.3%)	1	1	1	
Hoelmer	Elizabeth	Present	56.0/60.0 (93.3%)	1	1	1	
Horth	Medolynn	Present	48.0/60.0 (80.0%)	1	1	1	
Jaeckel	Jon	Present	43.0/60.0 (71.7%)	1	1	1	
Loesch	Sydney	Present	45.0/60.0 (75.0%)	1	1	1	
Ortiz	Sandy	Present	37.0/60.0 (61.7%)	1	1	1	
Premier	Jake	Present	49.0/60.0 (81.7%)	1	1	1	
Slous	Pam	Present	43.0/60.0 (71.7%)	1	1	1	
Stuewe	Bethony	Present	53.0/60.0 (88.3%)	1	1	1	
Tyndall	Kaitlyn	Present	56.0/60.0 (93.3%)	1	1	1	
Class Average			49.0/60.0 (81.7%)	7/18	15/18	16/18	

Economical | Protect \$40+ Million Investment in ActivInspire Content

Protect ActivInspire Investment | The initial investment in software and equipment is usually only the tip of the iceberg. An often unnoticed, “hidden” investment is the amount of time and effort teachers spend creating educational digital content. Even if teachers only spend 30 minutes a day (an average of 5 minutes per class) creating or curating content, over time, the investment really adds up.

\$40 Million And Counting... | As you can see from the estimates below, over the course of 1 year, that “hidden” investment comes to over \$4 million dollars. Over the course of 10 years, over \$40 million. That’s significant! And worth protecting.



Foundation for the Future | The Ultimate in Flexibility

FOUNDATION FOR THE FUTURE | Control Your Destiny

Grow As You Go. | Protect the “old” while taking advantage of the “new.”

The Interactive Classroom





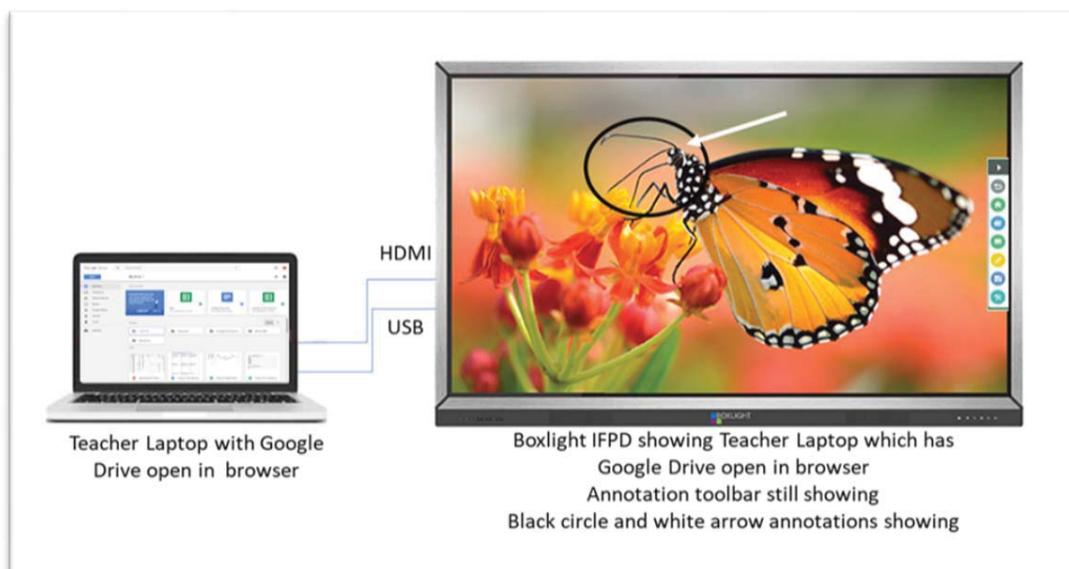
MimioStudio
classroom software

The Ultimate in Flexibility. | Upgrade to the latest hardware while protecting your investment in existing digital content and training.

Works with Google.

Google Drive Integration | The Boxlight Procolor panels uses a built-in Android OS which supports the ability to save any content created within our whiteboard app to be uploaded to Google Drive, providing ease of access of both teacher and student created materials. In addition to logging on to a Google account with an onboard or external PC, the panel can be connected to a Chromebook to allow use of the both the onboard Android tools and any Chrome App or Extension existing in the user's logged in Chrome account. In addition, Boxlight's MimioStudio Software can access Google Drive directly.

Enhance Google Docs, Sheets & Slides | The Mimio Studio software will natively open multiple file formats, including PowerPoint. A Google Slide lesson can easily and quickly be downloaded as a PPT file format, and then opened for use within the Mimio Studio lesson. Additionally Google Docs or Google Sheets can be saved in PDF and opened easily within our software for immediate use.



Google Keep & G Suite | Mimio Mobile's app is available in the Google Play Store. The Mimio Mobile application's login information - either a QR code or Web ID can be kept in Google Keep for immediate access within the Google Classroom environment using the app quick launch menu . Within Google Classroom, the teacher can add a link as well, allowing the student the ability to connect to a Mimio Mobile session. A teacher can quickly access student work developed using G-suite tools, and with a few quick clicks, can open and share the work out to any connected student device. This allows for not only collaboration, but the ability for team or individual work to be created, visualized, and saved.

Google Classroom | Boxlight is committed to enhancing and improving our award winning software and mobile applications to integrate with Google tools, in particular Google Classroom, to provide seamless use of these phenomenal tools within the teaching environment. We look forward to making enhancements that will support the use of technology tools to help support multiple pedagogy models, and provide digital learning opportunities using Boxlight Mimio's education solution suite.

Flipped Classroom

Learn At Home | Share at School | MimioClassroom's tools make Flipping the Classroom a breeze. Students can use the free home version of the software to create interactive lessons to share with the class. They can record their lesson, and then giving it in real time, so it can be shared, or posted online for future use. The screen capture is a fast, efficient way to get 3rd party content into a lesson. Content created at home can be stored on Google Drive, and then be accessed later in the classrooms. Content created using Google Docs, Google Sheets, or Google slides work seamlessly on ProColor panels. Content can be annotated, enhanced, saved for future use or shared out with others.



Differentiated Instruction

Differentiating Instruction can help accelerate learning for students, regardless of subject area or ability. How would this work in a Mimio Classroom? Let's listen to some suggestions from Paul Gigliotti, History Teacher and MimioMaster, who loves using MimioStudio tools to differentiate instructions for his students.

"I typically differentiate all of my high school U.S. History lessons by dividing the students up into three ability levels (Red, White, and Blue). For each topic we cover, each color offers students of different ability levels various degrees of rigor as well as choices for research materials and final products. I also use Mimio Mobile and MimioStudio frequently in class to get the students engaged in other similar activities not listed on the site. Feel free to have a look at www.mrgigliotti.com.

"With MimioMobile, differentiated instruction has never been easier! As a classroom teacher, I can create a lesson in MimioStudio for various ability levels. My students then collaborate in small groups using their mobile devices to engage in active learning."

Paul Gigliotti, History Teacher

Differentiated Instruction Examples

Example #1 | Social Studies

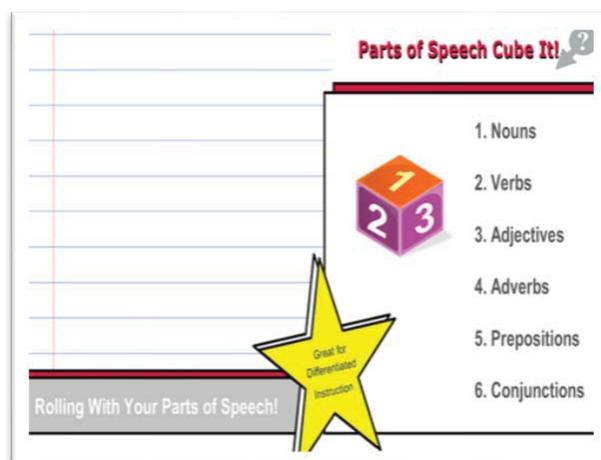
The teacher uses Mimio Mobile in “Quick Collaborate Mode.” Quick Collaborate will work with all sorts of subjects and topics. It is a fantastic tool, which does not require any extra work by the teachers and can typically be used with any form of collaboration they are already doing in class.

In this example, The teacher has broken the class up into three or four ability levels based on previous assessment data. The class is studying the first inauguration of George Washington. They are given additional materials from their teacher to complete their group’s task.

Students with limited ability are asked to use those materials to define key terms needed to understand the topic. They list the terms and definitions in their quick collaborate screen. An average group of students is then asked to write a short response in their collaborate screen summarizing what events they took place from the time GW learned he was going to be president to the time he actually took office (there was a lot of fanfare). Finally, a high level group would be asked to compose a short response within quick collaborate comparing GW’s inauguration with more recent inaugurations. Once each group has completed their part of the assignment, the class as a whole, would discuss all of the information presented and gathered by the different groups within the quick collaborate to gain a deeper understanding of the topic. A similar strategy could be used with various math problems and equations.

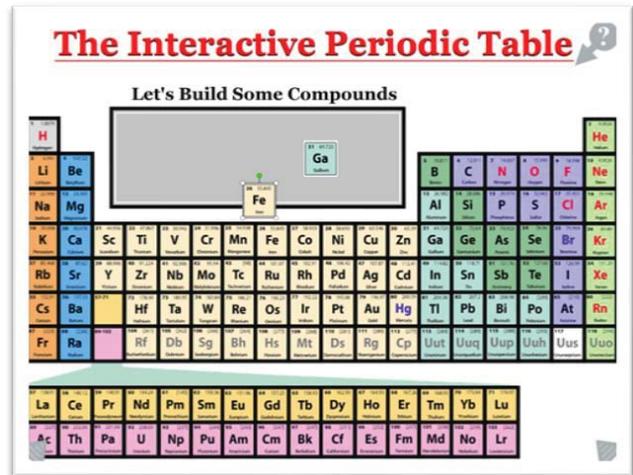
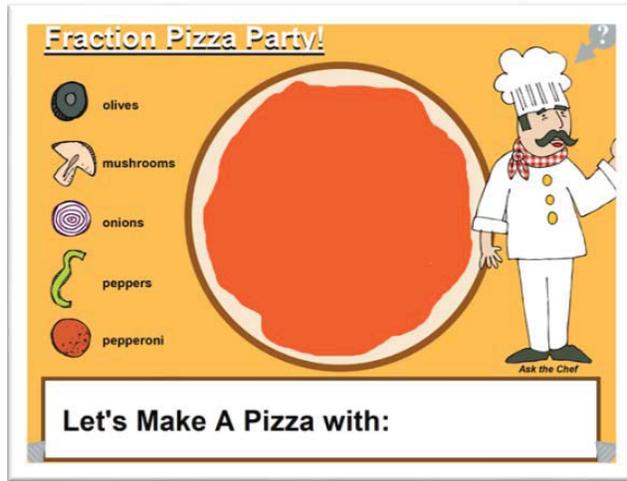
Example #2 | Science & ELA

An activity such as the Solar System lesson attached is another good example. This lesson would be pushed out to the class using Mimio Mobile. Each student or group of students would be asked to randomly pull out a planet from behind the Sun. Once they have selected their planet, they would be asked to write facts or characteristics about that planet using the Mimio Mobile tools. Again what kind of facts/writing prompts could be based on ability level as well. The teacher can assign what they think is most appropriate for each student. This type of lesson provides a “choice” of content, but is also flexible enough to allow for various depths of knowledge. Similar activities would include things like the “Roll it Parts of Speech”. Again the whole class could go over the results once individual work or collaborative work had been completed.



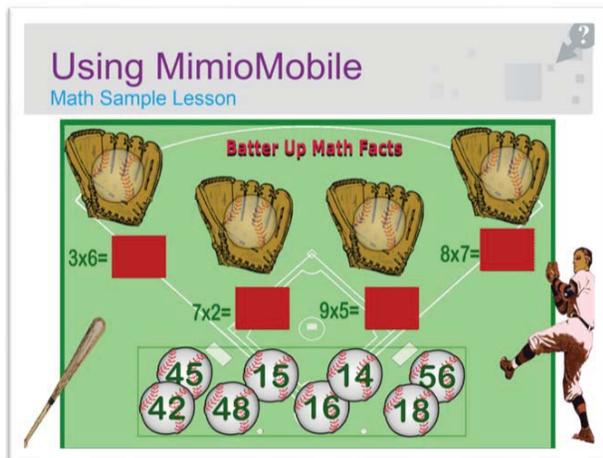
Example #3 | Math & Science

You could also use lessons like the Pizza lesson or the Periodic Table lesson to engage students in a differentiated activity. Using Mimio Mobile, each group could be assigned a different fraction or compounds based on their ability. The teacher knowing their students best would determine how they would engage in the activity and the whole class could go over all of the results at the end of the activity.



Example #4 | Math & History

Assessment is often the name of the game in differentiation so in this example the teacher uses Mimio Mobile and quick vote as an assessment tool. Students are divided into ability groups and are directed to answer some but not all questions. Each student would be given the question numbers that must complete as the class goes through all of the material. Students in a limited ability group would be asked to answer low-level recall questions. Average students would be asked to answer another set of questions which include both recall and a few higher level questions (i.e. fill in the blanks and short response). Finally students with the highest ability would be asked to answer essay and short answer type questions. Again the teacher would assign the questions for each student based on their ability level. Mimio Studio Gradebook would then also provide data collection for future lesson planning.



Student Devices

Pick a Device, Any Device I MimioMobile allows for group learning and collaboration on almost any device. Chromebooks, Laptops, iPads, Smart Phones, and tablets can be used in any combination for collaborative activities, assessment, or remote control of the panel. MimioMobile allows students to learn at their own pace and helps instructors to teach each student individually. For example, using the built-in Collaborate function in MimioStudio, teachers, with one press of a button, can push an activity that is on the panel, out to every student's device, where they can work on them individually, at their own pace, or collaboratively, in groups.



Device Options

Windows Computer or Laptop

Mac Computer or Laptop

iPad

iPhone

Windows or Android Tablet

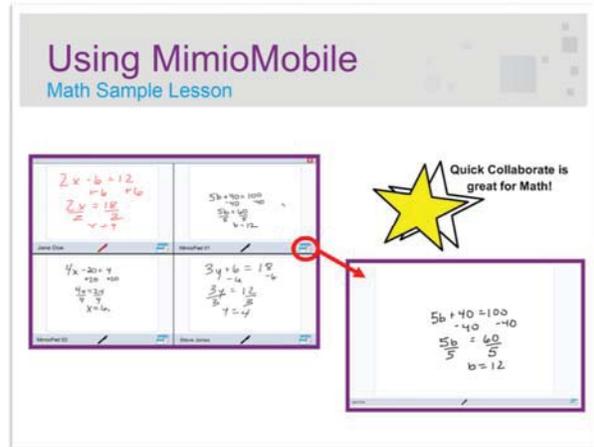
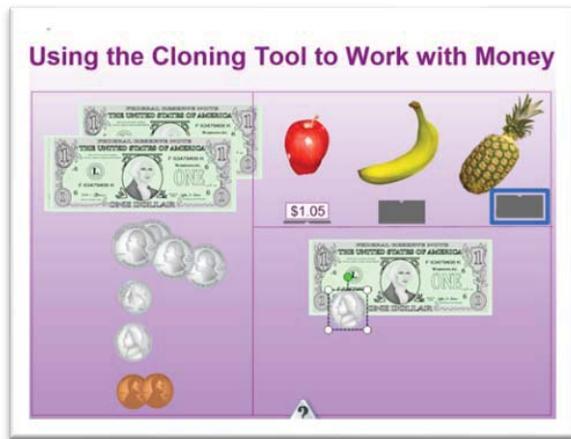
Apple, or Android Smart Phone...

Real World Learning I For example, the teacher might choose to start a lesson by displaying the first slide below on the panel at the front of the class. The objective of the lesson is for students to understand there are multiple ways to get to \$1.05 to buy an apple. One way is with a dollar bill and a nickel. After modeling dragging a dollar and a nickel into the work area, the teacher could then “push” the activity to all the students, so they could find a different way to come up with \$1.05. At any time the teacher can display all students work simultaneously, hide all students work, choose to display one student's work, or pick a group (any number will work) of students to display at one time. In the algebra example below, the teacher has chosen to display the work of four students simultaneously.

Real Time Collaboration I Students and teachers can collaborate on student work real time, the student working at their seat, and the teacher working at the board. Both can annotate, move, drag, drop etc.



Real Time Assessment I Having immediate feedback is helpful for both students and teachers. MimioMobile makes administering assessments on the fly as easy pie! Simply activate quick vote, choose your question type, send it out to the students, and you are good to go! Please reference screen shots and examples on page **XXXX**



Innovative Instructional Environment

Dynamic Learning I MimioStudio™ classroom software brings dynamic learning to the classroom. It's easy to understand interface allows educators to create interactive lessons, collaborative and team activities, as well as performing real-time formative assessment. MimioStudio Gallery includes extensive resources teachers can incorporate to enhance lesson content in every subject area across all grade levels. The included ActivityWizard offers a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in minutes.

Collaborative Creativity I The combined features of MimioStudio software create a collaborative learning environment that encourages creativity and student participation. Using the software teachers can create customized, active and engaging lessons. It lends itself to every instruction methodology including flipped classroom and blended learning. With the information provided by the assessment tools, instructors have what is needed at their disposal to be able to gauge the class's level of comprehension with the lesson material. This allows the teacher to meet individual needs and make adjustments in real time.

Student Version of the Software

Student Home License I Exceeds Specs I Students who would like to use the Home edition of MimioStudio Notebook software may download it for free off of Boxlight's website. <http://news.mimio.boxlight.com/mimiostudio-software-download>



Presentation Collaboration Software

Connects the Entire Classroom

Ease is Essential | We agree. Ease of Use is a critical component of effective classroom technology. From conception, Ease of Use was one of the prime design criteria for MimioStudio. Since early success is the precursor to continued use, it is imperative teachers be able to begin using the technology effectively Day 1 with little or no training. That’s why MimioStudio was designed to use content and skills teachers already have. Ease of use is one of main reasons districts choose our solution over others.

Why is Our Solution So Easy?

Builds Off Existing Knowledge | People who have experience with Google Docs, PowerPoint, or Word, already know 80% of what they need to know about MimioStudio. Toolbars were intentionally designed with recognizable icons. Teachers know what most of the icons on the tool bar are without having to be told. Why? Because they are familiar. Open, save, cut, copy, paste, delete, undo, redo, add a new page...zoom. Most teachers know this without any training.



Works With Existing Content | One of the things teachers love about MimioStudio, is that they don’t have to start from scratch. Content created in PowerPoint, Inspire, Smart Notebook or ExamView opens automatically in MimioStudio, allowing teachers to “hit the ground running” using and enhancing content they have already created. Content created in Google Docs, Sheets or Slides can be easily accessed from Google Drive and displayed, annotated, animated or updated right on the panel.



Grow As You Go | While teacher’s love MimioStudio’s Ease of Use, they also love having access to advanced functions and resources that they can learn to use over time. The ability to “Grow as You Go” allows users to develop their skills at their own pace, giving users access to “just what they need” when they need it.

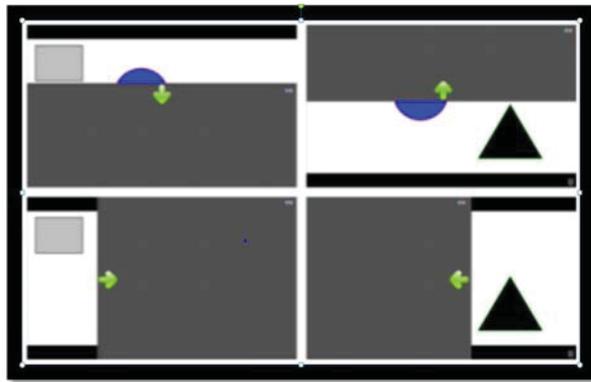
Core Teaching & Learning

Cross Subject & Grade Level I All subjects and grade levels can make immediate use of standard tools such as the Pen, Highlighter, Eraser, Text and Zoom Tools. Spotlight and Reveal are powerful focusing tools.

Standard Tools



Reveal Tool



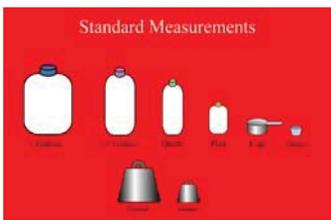
Spotlight Tool



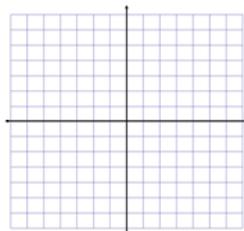
Subject Specific Tools I The MimioStudio Gallery comes with hundreds of subject specific tools which can be easily dragged on a page and used. Samples below.

Math I Drag and Drop...

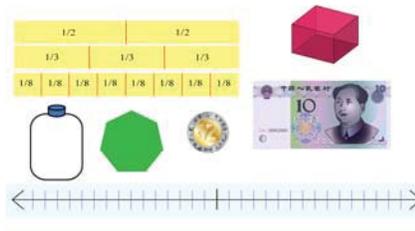
Content



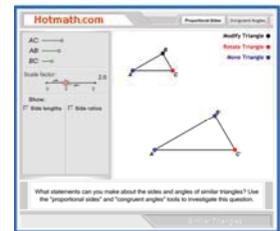
Templates



Manipulatives

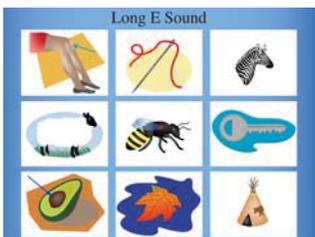


Interactive Activities



Reading & Language Arts I Drag and Drop...

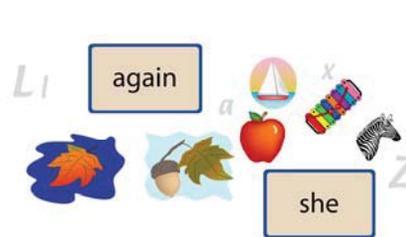
Content



Templates



Manipulatives



Organizers

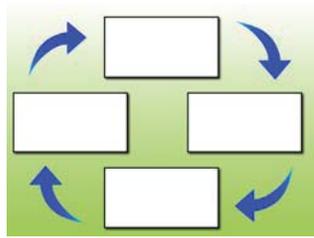
K What I KNOW	W What I WANT TO KNOW	L What I LEARNED

Science I Drag and Drop...

Content



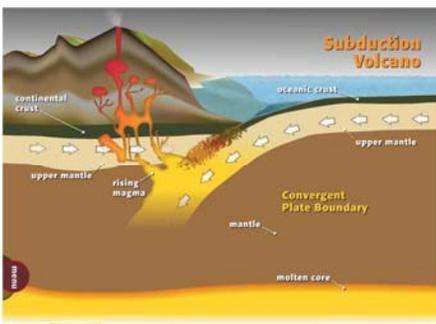
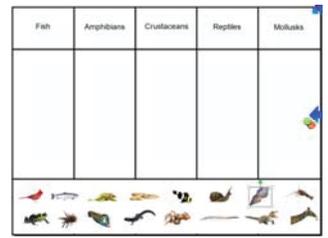
Templates



Manipulatives



Interactive Activities



Social Studies & Geography I Drag and Drop...

Content



Templates



Manipulatives

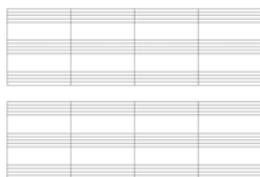


Interactive Activities



Music I Drag and Drop...

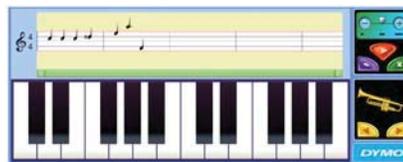
Templates



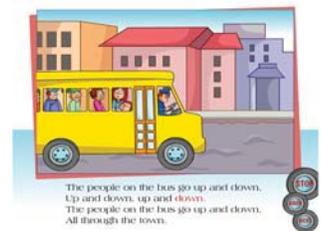
Manipulatives



Interactive Tools



Multimedia Activities



Art I Drag and Drop...



Student Use

“They’re Using It!” | Students of all ages love working on Boxlight ProColor Interactive panels. Not only are they intuitive and easy to use, they make learning fun! Today’s learners are digital natives who enjoy exploring new tools. The first time they walk up to the board, they’re able to start using it immediately...leveraging the skills they already have. No one needs to teach them about the pen tool, the highlighter or the eraser. They already know how to drag and drop. Pinch and zoom. They recognize and are able to use common tools such as “undo,” zoom, copy and delete without anyone showing them what to do. Consider the feedback from Yake Elementary....

YAKE ELEMENTARY SNAPSHOT

- Grades K-5
- 411 Students
- 32% on free and reduced lunch
- 16:1 student to teacher ratio

Ultra Kid-Friendly

One of the main things Heacox likes about the ProColor interactive flat panel display is the **ease of use**. “When I bring up a document and work on it with the kids, I’m not fumbling around. I just open up my screen, and it’s up there.”



One instructional example that Heacox shared is his use of the ProColor panel display when showing second through fifth graders how to work on **Google Docs, Google Sheets, or Google Slides**. “I’ll do an initial **annotation** and then I’ll ask questions throughout. And the ProColor is also really great for doing the **slideshows**, showing them how to **use all the tools**, and doing the **animation**,” he said.

“...hands down, this has been the most user-friendly, most kid-friendly resource we’ve ever had access to.”

- Joe Heacox, Yake’s Media Specialist

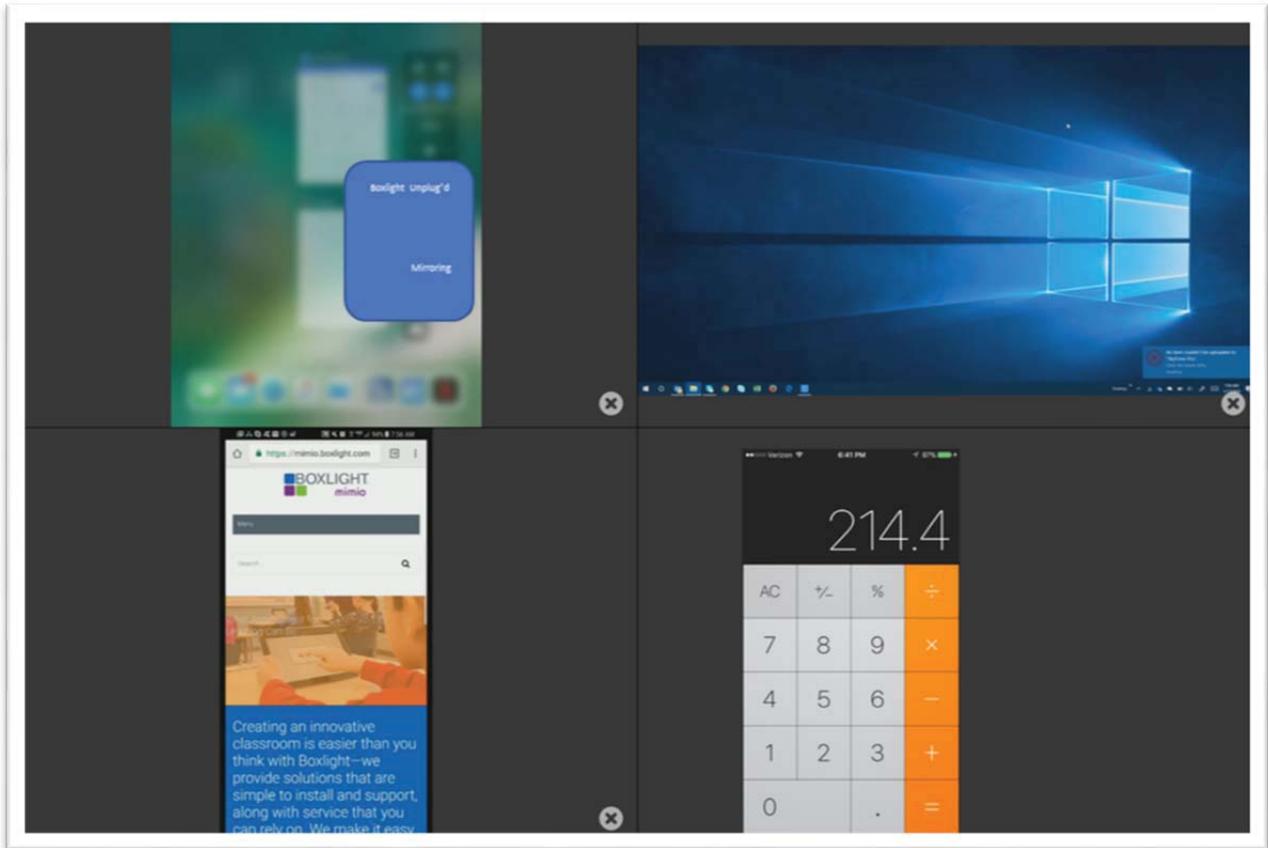
Advanced Functions

MimioStudio Advanced Functions | Mimiostudio has many advanced functions including: Layering, Adding Sounds, Adding Animations, Attaching Hyperlinks to Images or Objects, Linking Pages, Embedding Assessments, Real Time Collaboration, Full Function Remote Control of the Panel, Integrated Document Cameras, and Live Video Recording.

Boxlight Unplug'd Wireless Streaming

Best of Both Worlds | Boxlight Mimio ProColor panels provide the best of both worlds. In addition to all the MimioStudio capabilities outlined in the previous pages, Boxlight ProColor Panels also support wireless streaming of non-MimioStudio applications and content. The new Boxlight Unplug'd Wireless Streaming Service is a feature that replaces Boxlight's external Unplug'd Device.

Simultaneous Display | Real Time Collaboration



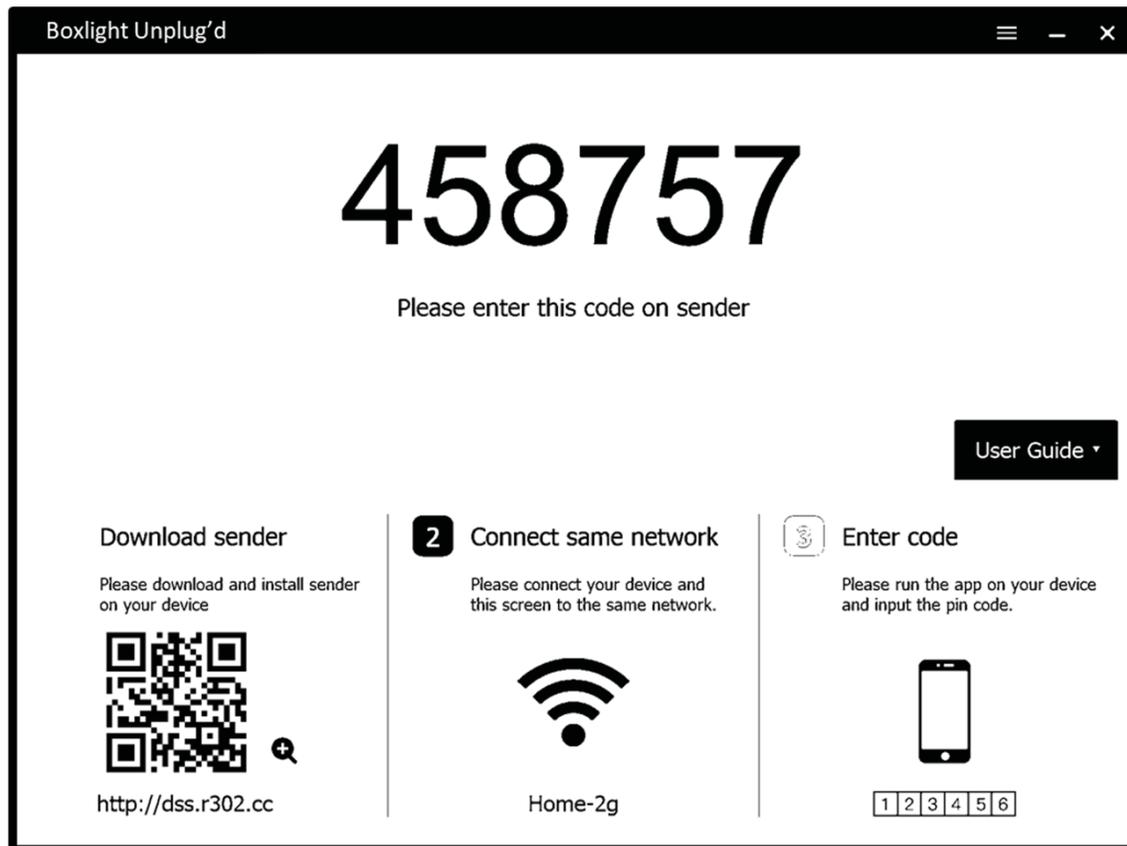
Interactive Flat Panel Display Showing iOS (upper left), Windows (upper right), and Android (both lower)

Simultaneous Display | Up to 4 teacher and/or student devices can be displayed at one time. Up to 50 participants can connect per session. Boxlight ProColor Interactive Flat Panel Displays with Boxlight Unplug'd Wireless Streaming software running on the embedded Android processor, connects student and teacher devices via Wi-Fi or a wired LAN connection.

Teacher Control | Teachers will have total control over which devices are displayed by selecting devices using the teacher control menu.

Security | Participants log in their device at the beginning of every session. A unique access code is generated for each session and must be entered in order to connect and display.

Connecting Devices | Student devices must have Boxlight Unplug'd app loaded and be on the same network as the Interactive Flat Panel. After connecting to the network, users simply enter the pin code to connect to the session.



Supported Devices | Include:

- iOS 8 and above
- Android 5.0 and above
- Windows 10 and above
- Mac OSX and above
- Chromebook*

iOS & Android Capabilities | Include the ability to share/stream the following:

- Full Desktop
- Streaming Audio/Video Files
- Stream Live Video From Client Device Camera
- Stream Documents Showing Real Time Editing

Mac OS & Windows Devices | Include the ability to share/stream:

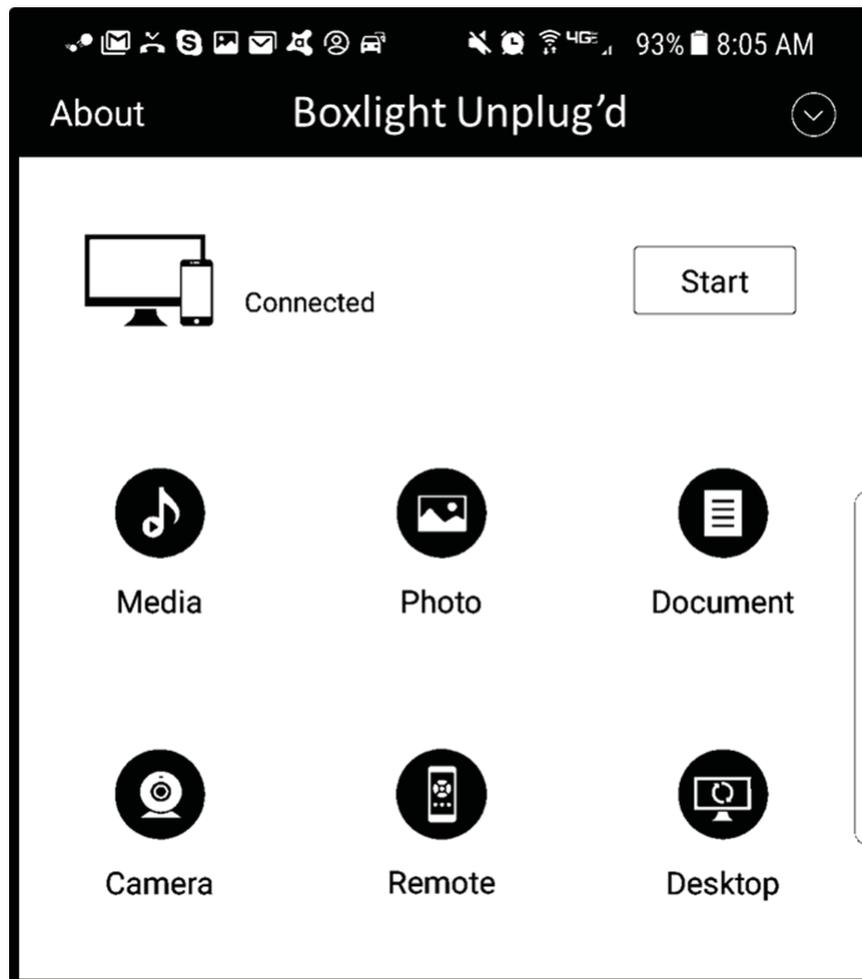
- Full Desktop including streaming audio and video from within the desktop

*Available July, 2018

Remote Control Functions I Include:

- One device at a time can display the desktop of the Interactive Flat Panel Display on itself and remotely control the Android home screen of Interactive Flat Panel Display.
- “Remote” function turns mobile device into a trackpad/gyro-mouse (selectable) to control the Interactive Flat Panel Display.

User Menu I Sample of Android Device User Menu



Real Time Collaboration I Boxlight Unplug'd Wireless Streaming facilitates real time collaboration of up to 50 participants per session, allowing up to 4 participants to simultaneously display their work. Laptops, tablets, cell phones...all work seamlessly with Boxlight Unplug'd!

Professional Development | Knowledge Transfer

Technical Support Training | Onsite Hands-On Workshop

Technical Support Training | Knowledge and hands on experience enables Help Desk Staff and Field Techs to resolve problems more quickly, reducing down time and frustration, while providing more time for interactive learning. Before new equipment is introduced into the district, it's important that Field Techs and Help Desk Staff have the opportunity to learn about and interact with the new technology.



Field Tech & Help Desk Workshop | The purpose of this onsite, face-to-face workshop is twofold. First, it provides an opportunity to introduce Field Techs and Help Desk Staff to important aspects of the project including:

- Project Goals
- Project Timelines
- Project Expectations
- Solution Components
- Their Role & Responsibilities

Participants | Participants should include all Field Techs, Field Tech Managers, Help Desk Staff, Help Desk Managers, Installation Project Coordinators and Senior Project Managers.

Trainers | Workshop will be conducted by Technical Trainers who have hands on installation and support experience.

Workshop Topics | Workshop topics include:

- Hardware and Software Overview
- Connectivity
- Basic Operation
- Troubleshooting
- Documentation
- Support Process

MimioClassroom Face-to-Face Training | Laying a Foundation for Success

Training Options | There are several training approaches that can be used when it comes to training teachers on interactive technology. Training can be face-to-face, online, or a combination of both. You can hire professional trainers to train all of your teachers, or you follow a train-the-trainer model where the district develops internal experts who then train the rest of the staff. We will be happy to accommodate whatever approach works best for you. Based on the information in the RFP, it appears you would like to follow a train-the-trainer model. We have done this effectively at other districts, including Atlanta Public Schools.



Solution Overview | Onsite Hands-On Workshop

Establishing “The Big Picture” | Before embarking on a journey, it’s always helpful to have a good understanding of where you are headed, and what you will encounter along the way. The purpose of this 2 hour hands-on workshop is to provide participants a comprehensive overview of the entire solution, including hardware, software, services and support.

Teacher Training | The goal of Professional Learning is to equip teachers to use all the components of the Interactive Classroom. Training will include hands on workshops and online learning. Leader led hands on workshop topics include:

Basic Training

- Getting Started
- Basic Tools
- Using the Gallery
- Adding & Manipulating Objects
- Leveraging Existing Content
- Saving & Sharing Lessons
- Integrating Accessories

Advanced Training

- Class Set Up
- Remote Control
- Collaboration | “On the Fly”
- Collaboration | Pre-Planned
- Assessment | “On the Fly”
- Assessment | Preplanned

Customized Approach | Training Designed with Beaufort in Mind!

Planning & Customization | At the beginning of the project we will hold a Training Kickoff Planning Session where we will review your goals, objectives, timeframes etc. Training will be customized to reflect the needs of Beaufort County School District.

Free Online Training | Comprehensive Supplemental Learning Resources

Unlimited Free Online Training | MimioStudio Online Training is second to none. Courses include both on-demand self-paced modules, and leader-led online workshops.

Quick Learn Leader-Led Sessions | Taught by Mimio Experts, Quick Learn Sessions provide teachers with the skills they need to successfully integrate MimioStudio into SCUC’s curriculum. Available live or via recording. Sample of some of the offerings listed below.

1. MimioStudio | Putting Instructional Design to Work (60 Min.)

- Learn to create interactive lessons using MimioStudio Software
- Apply instructional design components to a lesson or activity
- Engage students using interactive instructional techniques
- Enhance Lessons using collaboration and assessment.

2. Mimio Goes Mobile: Setup & Support (60 Min.)

- Setting Up MimioMobile
- Toolbar Exploration
- Student Collaboration & Control

3. A Tour of MimioStudio (60 Min.)

- Access MimioStudio Notebook & Toolbar
- Exploring Menus
- Using the Tools

4. Using the MimioStudio Gallery (60 Min.)

- Accessing & Exploring the Gallery
- Importing Content Packs
- Exporting Content

A complete listing can be found at <https://mimio.boxlight.com/quick-learn-overview/>

Live Leader Led Training				
11	12	13	14	15
A Tour of MimioStudio 12:00 PM	MimioStudio: Formatting II 7:00 PM	Using the MimioStudio Gallery 12:00 PM	MimioStudio: Extending Lessons 7:00 PM	
MimioStudio: Formatting I 7:00 PM	MimioStudio: Presenting Lessons 8:30 PM	Mimio Goes Mobile 7:00 PM	A Tour of MimioStudio 8:30 PM	
18	19	20	21	22
MimioStudio: Adding Content 12:00 PM	MimioStudio: Adding Content 7:00 PM	MimioTeach 12:00 PM	MimioTeach 7:00 PM	MimioStudio: Formatting I 12:00 PM
Using the MimioStudio Gallery 7:00 PM	MimioStudio: Formatting I 8:30 PM	MimioStudio: Putting Instructional Design to Work 7:00 PM	MimioStudio: Formatting II 8:30 PM	
25	26	27	28	29
MimioStudio: Formatting II 12:00 PM	Mimio Goes Mobile 7:00 PM	MimioStudio: Presenting Lessons 12:00 PM	Using the MimioStudio Gallery 7:00 PM	MimioStudio: Extending Lessons 12:00 PM
MimioStudio: Presenting Lessons 7:00 PM	MimioStudio: Extending Lessons 8:30 PM	A Tour of MimioStudio 7:00 PM		

On Demand Video Tutorials | These short video tutorials help teachers get up and running easily and quickly. Ideal for a quick refresh or to learn a new skill. Topics include:

- **Setup** | MimioStudio Download & Installation
- **Mimio Studio Basics** | Getting Started with MimioStudio
- **MimioMobile** | Setup | How To | Short Cuts | Control | Collaborate | Assessment
- **MimioStudio Toolbar Basics** | Using the MimioStudio Toolbar | Recognize Shapes
- **Formatting Objects** | Animation | Grouping | Ordering | Locking | Hyperlinking | Actions...
- **Gallery** | Searching the MimioStudio Gallery | Adding Content | Sharing Galleries
- **Saving** | File Saving Format Options
- **Adding Content** | Activity Wizard | Inserting Files | Screen Clipping | File Attachments
- **Presenting Lessons** | Screen Annotation | Spotlight & Reveal Applications | Page Transitions
- **Advanced Topics** | Recognize Text | Text Tools | MimioStudio Recorders | MimioStudio Gradebook

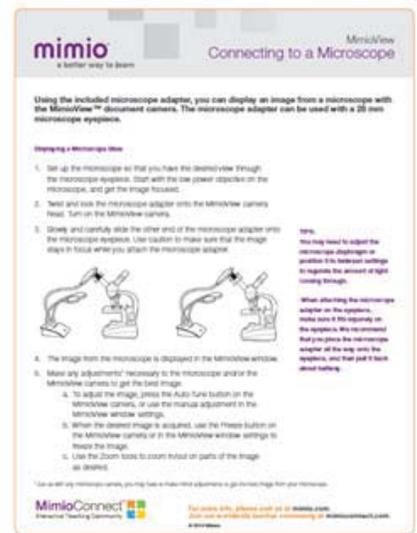
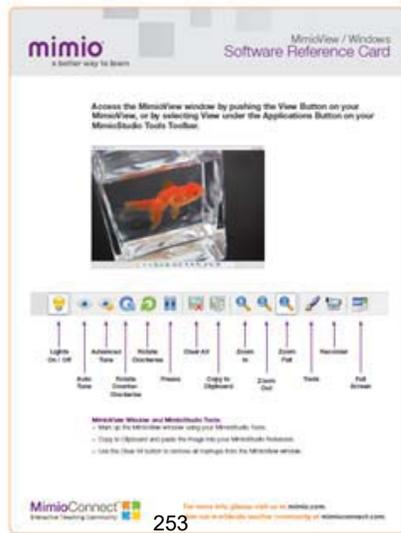
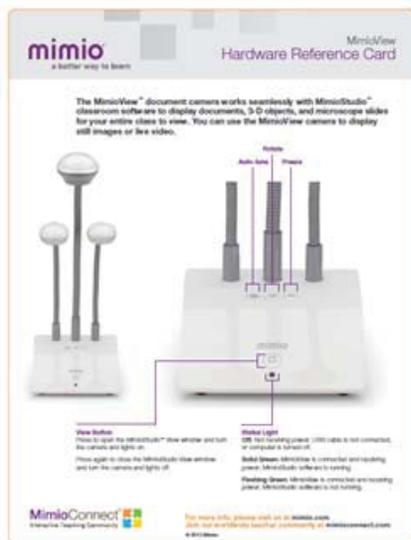


On Demand Video Tutorials can be viewed at <https://mimio.boxlight.com/video-tutorials/>

Quick Reference Guides gives users fingertip access to multiple resources for quick use. These QRG's can be found at: <http://www.mimio.com/en-NA/Training/Self-Guided-Guides.aspx>

As part of the ongoing training throughout Clayton County Schools, educational trainers will create and share various materials, documents and quick reference guides created for Clayton County Personnel through a site created for Clayton County. These resources will be available 24/7 to staff and provided to staff at their initial training, as well as being posted centrally online at the CCPS designated location.

Sample Reference Guide Pages



Free Training | Become an Interactive Expert!

1. Free Solution Overview | Discover the Possibilities!

Establishing “The Big Picture” | Before embarking on a journey, it’s always helpful to have a good understanding of where you are headed, and what you will encounter along the way. The purpose of this free 1 hour leader-led online workshop is to provide participants a comprehensive overview of MimioStudio. Participants will have the opportunity to practice new skills during the session, and to consider ways to apply what they learn to their own teaching.



2. Getting Started Training | Leader-Led Online Workshop

The screenshot shows the MimioConnect website homepage. At the top, the logo reads "MimioConnect™ Interactive Teaching Community". Navigation links include "Lesson Plans & Activities", "Members", "Forums", "Groups", "Training", "Ask a Master", "Events", and "Mimio". A search bar and language dropdown (set to English) are also present. The main banner features the text "GET MORE FROM YOUR LESSON WITH MIMIO" and "More Collaboration | More Interactivity | More Effective". To the right is a "Number Box" grid for "Number Identification". Below the banner are sections for "Latest Mathematics Lessons" and "Latest Language Lessons", each listing various educational resources. A "Got Content? Share It Now" button is visible, along with a user profile for Sharon Holton. A "View Profile" button and other user options are also present. A "Are you new to MimioConnect?" section offers "View Tutorials".

MimioConnect Online Resources | MimioConnect provides an abundance of resources that make it easy for educators to get off to a fast start. Understanding what's available and where to access it saves time and effort! This 1 hour Leader-Led workshop provides a step-by-step tour, introducing teachers to a robust suite of educational resources that increase productivity, enhance skills and promote best practices.

The screenshot shows a MimioStudio 7 presentation slide titled "What is the Reveal tool? How has the 'Reveal Tool' improved in MimioStudio 7?". The slide features a central image of a "Reveal Screen" with a "Buyer Act" document and a "1764" date. To the right of the image, text explains: "Reveal Screen allows you to control when you reveal portions of your desktop. You can reveal in four different directions. You can also control the transparency of the covered area." The slide is displayed within a MimioStudio 7 interface, showing a toolbar on the left and a thumbnail pane on the right. The MimioQuickLearn logo and Mimio logo are visible at the bottom of the slide.

3. Free Online Leader Led Workshops I Offered Daily

Unlimited Free Online Training I MimioStudio Online Training is second to none. Courses include both on demand self-paced modules and live leader-led online workshops.

Live Leader Led Training				
11	12	13	14	15
A Tour of MimioStudio 12:00 PM	MimioStudio: Formatting II 7:00 PM	Using the MimioStudio Gallery 12:00 PM	MimioStudio: Extending Lessons 7:00 PM	
MimioStudio: Formatting I 7:00 PM	MimioStudio: Presenting Lessons 8:30 PM	Mimio Goes Mobile 7:00 PM	A Tour of MimioStudio 8:30 PM	
18	19	20	21	22
MimioStudio: Adding Content 12:00 PM	MimioStudio: Adding Content 7:00 PM	MimioTeach 12:00 PM	MimioTeach 7:00 PM	MimioStudio: Formatting I 12:00 PM
Using the MimioStudio Gallery 7:00 PM	MimioStudio: Formatting I 8:30 PM	MimioStudio: Putting Instructional Design to Work 7:00 PM	MimioStudio: Formatting II 8:30 PM	
25	26	27	28	29
MimioStudio: Formatting II 12:00 PM	Mimio Goes Mobile 7:00 PM	MimioStudio: Presenting Lessons 12:00 PM	Using the MimioStudio Gallery 7:00 PM	MimioStudio: Extending Lessons 12:00 PM
MimioStudio: Presenting Lessons 7:00 PM	MimioStudio: Extending Lessons 8:30 PM	A Tour of MimioStudio 7:00 PM		

Leader-Led Workshops

Quick Learn Leader-Led Sessions I Taught by Mimio Experts, Quick Learn Sessions provide teachers with the skills they need to successfully integrate MimioStudio into instruction. Live leader-led sessions provide participants with the opportunity to ask questions via phone, chat or shared applications. Sessions available daily. Sessions are recorded for later viewing on demand.



CEU Credits

Continuing Education Credits I Professional Development credit is available for attending Quick Learn sessions. After each session, participants have the opportunity successfully complete a short online assessment that covers learned content and receive a Certificate of Completion. Certificates may qualify for one hour of Professional Development credit (CEUs) in your state or district.

4. Free On Demand Videos | Supplemental Learning Resources



On Demand Video Tutorials | These short 3-5 minute video tutorials help teachers get up and running easily and quickly. Ideal for a quick refresh or to learn a new skill. Topics include things such as:

- **Setup** | MimioStudio Download & Installation
- **Mimio Studio Basics** | Getting Started with MimioStudio
- **MimioMobile** | Setup | How To | Short Cuts | Control | Collaborate | Assessment
- **MimioStudio Toolbar Basics** | Using the MimioStudio Toolbar | Recognize Shapes
- **Formatting Objects** | Animation | Grouping | Ordering | Locking | Hyperlinking | Actions...
- **Gallery** | Searching the MimioStudio Gallery | Adding Content | Sharing Galleries
- **Saving** | File Saving Format Options
- **Adding Content** | Activity Wizard | Inserting Files | Screen Clipping | File Attachments
- **Presenting Lessons** | Screen Annotation | Spotlight & Reveal Applications | Page Transitions
- **Advanced Topics** | Recognize Text | Text Tools | MimioStudio Recorders | MimioStudio Gradebook



On Demand Video Tutorials can be viewed at <https://mimio.boxlight.com/video-tutorials/>

Complete list of tutorials with hot links on next page.

4. Free On Demand Videos | 3-5 Minute Tutorials Con't.

55 Quick Tutorials

MimioStudio Basics | 3

[Using Page View Options](#)

[Using the Notebook Trashcan](#)

[Using MimioStudio](#)

MimioMobile | 9

[MimioMobile Setup](#)

[Using the MimioMobile App](#)

[Connecting the Teacher](#)

[Connecting Students](#)

[MimioMobile Shortcuts](#)

[MimioStudio Control](#)

[MimioStudio Collaborate](#)

[Quick Collaborate](#)

[MimioMobile Assessment](#)

MimioStudio Toolbar Basics | 4

[Using the MimioStudio Toolbar – Part 1](#)

[Using the MimioStudio Toolbar – Part 2](#)

[Using the MimioStudio Toolbar – Part 3](#)

[Recognize Shapes](#)

Formatting Objects | 13

[Animation](#)

[Grouping](#)

[Ordering](#)

[Locking](#)

[Transparency](#)

[Hyperlinking](#)

[Cloning](#)

[Action Settings](#)

[Alignment](#)

[Grid Options and Object Snapping](#)

[Text Editor](#)

[Fixed Aspect Ratio](#)

[Background and Templates](#)

Gallery | 3

[Searching the MimioStudio Gallery](#)

[Adding Content to the MimioStudio Gallery](#)

[Sharing Galleries](#)

Saving | 1

[File Saving Format Options](#)

Adding Content | 4

[MimioStudio Activity Wizard](#)

[Inserting Files into MimioStudio Notebook](#)

[Screen Clipping](#)

[File Attachments](#)

Presenting Lessons | 3

[Screen Annotation](#)

[Spotlight and Reveal Applications](#)

[Page Transitions](#)

Advanced Topics | 3

[Recognize Text](#)

[Text Tools](#)

[MimioStudio Recorder](#)

MimioStudio Gradebook | 3

[Basics](#)

[Import and Export Features](#)

[Generating Reports](#)

MimioVote Assessment | 7

[MimioMobile Assessment](#)

[MimioVote – Quick Vote](#)

[MimioVote – Teacher-Led vs Self-Paced Testing](#)

[Text Question Templates](#)

[Universal Question Templates](#)

[Result Objects](#)

Setup | 2

[MimioView – Window](#)

[Downloading MimioStudio](#)

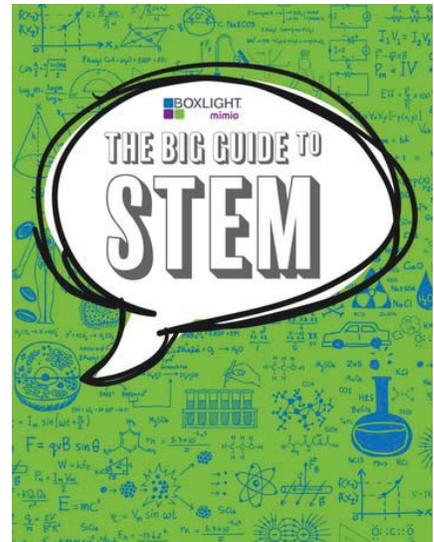
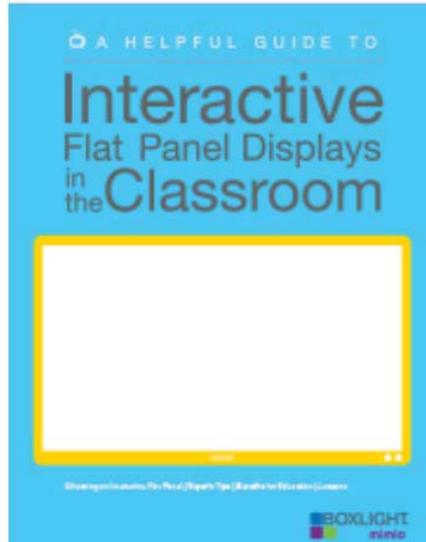
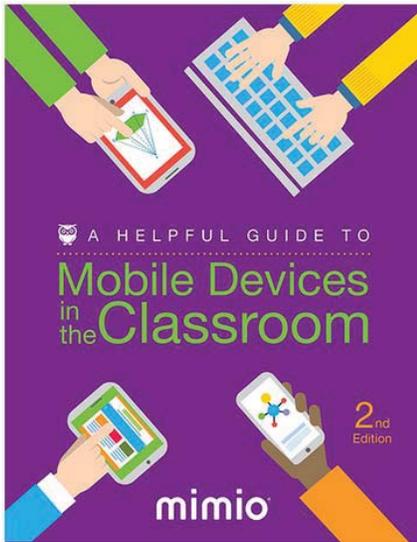
5. Free Digital Resources | User Manuals, Quick Guides...

User Manuals & FAQ's

User Manuals & FAQs are available for all Boxlight Mimio products, providing a ready reference to help users become familiar with Boxlight Mimio's integrated suite of hardware and software.

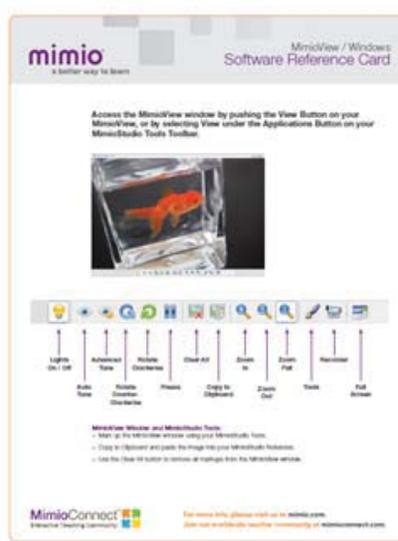
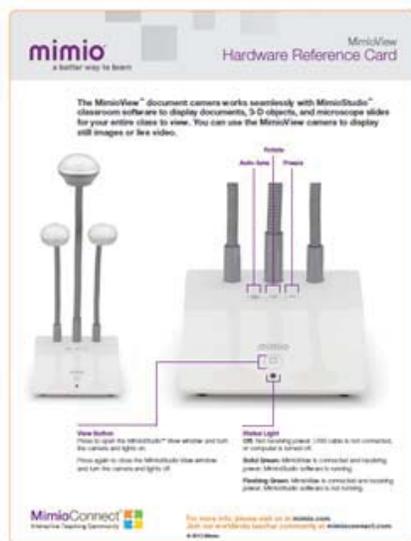
Best Practices Guides

Best Practices Guides make it easy for educators to understand and implement best practices.



Quick Reference Guides

Quick Reference Guides gives users fingertip access to multiple resources for quick use. These QRG's can be found at: <http://www.mimio.com/en-NA/Training/Self-Guided-Guides.aspx>



6. Free Sample Lessons | Shorten Teacher Prep Time!

5,000+ Free Teacher Created Lessons | Want to accelerate your lesson development time? Leverage lessons created by other teachers...available for free at www.mimioconnect.com. Membership is free, and lessons are searchable by subject, grade level, author, popularity and keyword. Teachers can “use-as-is” or customize to meet their needs. Since more is “caught than taught,” exposure to content created by others can enhance skills and spawn creativity. Samples below.

Filter by Grade:
 --- Select All ---

Sort by:

- Newest
- Highest Rated
- Most Viewed
- Contributor

Filter by Subject:

- All
- Counseling
- Education
- ESL
- Family & Consumer Sciences
- History & Social Studies
- Mathematics
- Media Lessons
- Physical Education & Health
- Reading & Language Arts
- Science
- Staff Development
- Technology
- Tools
- Visual & Performing Arts
- World Languages

EASY | Ready Made Resources...

MimioConnect
Interactive Teaching Community

MimioConnect™
Interactive Teaching Community

Lesson Plans for Interactive Whiteboards - Online Teacher Community
 Home | FAQs | Contact Us | Log In/Register

Language: English Search

Lesson Plans & Activities Members Forums Groups Training Ask a Master Events Mimio

MimioMobile Starter Pack
 Activities, Tips, Assessment, and More to Help You Get Started with MimioMobile

Username:
 Password:
 Forgot Your Password? Log In

Why Become a Member?

- Find Content**
Search our extensive library of lesson plans for interactive whiteboards or share your own favorites with others.
- Get Interactive**
Become involved in discussions on our forums, or start your own Mimio Group for sharing files and ideas.
- Learn More**

7. Free Access to Mimio Experts | Ask a Master!

Ask a Master | Ask a Master allows teachers to contact a Mimio Master to pose a question, raise an issue, or explore a situation on any topic. Masters are practicing teachers, tech coordinators and other educators who have completed a rigorous course of study on how to use interactive teaching and interactive technology products in the classroom. Insight from Mimio Masters helps add new ideas and methods to a teacher's repertoire of educational tools and strategies.

Ask A Master | Sample

Question:

I'm looking to create a matching game of pictures and their Spanish name companion. Is there something like a template available that I can use or modify to meet my needs? I thought I saw something with popping balloons but can't locate it. I'd appreciate any help.

Submitted By: Alice

Date: Oct. 25, 2017

Answer:

We can certainly help you out with your lesson development needs. Just follow this link below which will take you to a template that can be downloaded and inserted into your own Mimio notebook file. Once the file is in your notebook, you'll see 2 slides. The first is a sample and the second one is the editable one. There are directions which can be pulled out from the side but I have listed them here for your convenience:

LINK: https://www.mimioconnect.com/content/lesson/concentration_board_templates

1. Double Click on text box in each square.
2. Change text to create matching game.
3. Using the select tool - click on the edge of the bubbles > drag to cover text boxes.
4. Click Format>Locking>Lock.
5. You're all set!

Happy creating and as always, if you get the chance, check out the many other tips and suggestions found in the Ask a Master section.



Mimio Master:
Tracy Tishion



8. Free Online Groups I Collaborate with “Birds of a Feather”

Online Groups I Educators love to learn from one another. Online Groups provides a powerful and effective way for educators with similar interests to collaborate, ask questions, share content and develop best practices.

Sample Groups

Elementary Science Resources Group

[\(Join this group\)](#)

Created by: [Travis Rink](#) 🧑🏫 🧑🏫 🧑🏫

Number of Members: 6,141 members

Number of posts: 94 posts

Language:

Summary:

A group for K-5 elementary teachers to share ideas mimio resources, and strategies for the science curriculum.

Middle School Science Group

[\(Join this group\)](#)

Created by: [Travis Rink](#) 🧑🏫 🧑🏫 🧑🏫

Number of Members: 3,516 members

Number of posts: 76 posts

Language:

Summary:

A group for 6-8 science teachers to share ideas, resources, and strategies.

Mimio Masters

[\(Join this group\)](#)

Created by: [tnj0704](#) 🧑🏫 🧑🏫

Number of Members: 213 members

Number of posts: 156 posts

Language:

Summary:

A group for our amazing Mimio Masters to collaborate and share information with fellow Masters

[More](#)

Bellevue Children's Academy

[\(Join this group\)](#)

Created by: [rachel23peterson](#) 🧑🏫

Number of Members: 29 members

Number of posts: 121 posts

Language: English

Summary:

Pre-K through 7th grade Community at BCA

[More](#)

Secondary Math Teachers

[\(Join this group\)](#)

Created by: [tastephens](#) 🧑🏫

Number of Members: 94 members

Number of posts: 82 posts

Language:

Summary:

For those teaching Algebra I or above

[More](#)

Make My Lesson Better

[\(Join this group\)](#)

Created by: [MimioProfessor](#) 🧑🏫 🧑🏫 🧑🏫

Number of Members: 1,801 members

Number of posts: 141 posts

Language: English

Summary:

Make My Lesson Better is a collaborative group where members support and encourage each other, learn from each other and build even better lessons!

[More](#)

Sample Group Info

Elementary Science Resources Group

The mission of this group is to continue fostering creative and educational mimio resources to be used, collected, and modified for science at the elementary level. mimio provides elementary teachers of science great abilities to enhance instruction and learning in the classroom by increasing active learning and content engagement. Even better, mimio lessons can further motivate and excite students to perform in the classroom.

This group is designed as a meeting place for elementary teachers that wish to develop and share interactive lessons across all areas of science. We also invite you to share stories and to offer support and advice for other science educators. Resources and ideas welcome.

[Join this group](#)

Number of Members: 6,141

Post count: 94

Creation Date: 09/14/2010 - 6:04pm

Group Administrator: [Travis Rink](#) 🧑🏫 🧑🏫 🧑🏫

Group Administrator E-mail: travis.rink@mimio.com

9. Free Online Forums | Developing Best Practices

Online Forums | Online Forums are an efficient and effective way to connect with educators from around the world. They are the perfect place to...



- Ask a Question
- Share Success Stories
- Find Resources
- Be Mentored
- Be A Mentor

Sample Forums

MimioStudio Features!

MimioStudio software offers numerous features that will greatly enhance the interactivity of your lessons! Explore this forum and our exclusive video tutorials to find out how you can make your classroom more interactive using MimioStudio software for Windows, Mac, and Linux. We also invite and encourage you to share with the entire MimioConnect community, your best practices using MimioStudio!

[Download the latest version of MimioStudio for your classroom today!](#)

MimioStudio software Tips and Tricks

Creating lessons in MimioStudio is fun! Learn some of the "Tips and Tricks" we use when creating activity pages for our lessons to make them more interactive and creative ways to hide answers for your students to use to check their work

Quality Content Criteria

The MimioConnect community is dedicated to the creation and sharing of high quality lessons among educators. These high quality lessons should maximize the learning impact for our students. The Quality Content Criteria lessons and videos will help you learn how to identify and ultimately create quality interactive content!

Special Education

This forum is dedicated to the vigorous discussion of how to best serve students with special needs.

Featured Topic!

Looking to get the school year off to a good start? Check out these online resources full of fun and interactive ways to begin the new school year. We want to hear from you! Please share with the community any funny, unusual, or successful back at school stories.

Christopher Columbus: Success or Failure?

Although Columbus made his famous voyage over 500 years ago, he remains a topic of conversation and controversy in classrooms across America today. Download [this](#) interactive lesson to discuss the role of Christopher Columbus in history.

Through a variety of interactive activities, including MimioVote questions, your students will make their own discoveries about Columbus. After using high level thinking skills to analyze his accomplishments, they will determine if Columbus was a "success" or a "failure."

We want to hear from you! Join the forum discussion about this lesson!

iPads in Education

This forum is dedicated to the discussion of how best to use iPad products within a classroom! We invite you ask questions, comment, and share ideas for best practices within this forum as teachers around the world begin to utilize this emerging technology. Please feel free to join the discussion!

Sample Posts

Ways to use Mimio with students with disabilities

I teach students with severe, mild, moderate intellectual and physical disabilities and also autistic. I use mimio a lot and have found that my students' attention span and time focused has increased. I was wondering if anyone else has noticed the same. I would to exchange activities with other teachers who teach 5 and 6 grades of students with the same types of disabilities.

[Next Forum Topic >>](#)

[Add new comment](#) [Flag as offensive](#)

Comments & Collaboration (29)

[Threaded list - expanded](#) [Date - newest first](#) [50 comments per page](#) [»](#)

Select your preferred way to display the comments and click "Save settings" to activate your

Teaching with the Mimio to Special Needs Students

I also teach students with severe multiple disabilities and found the mimio most helpful. I am able to transfer Boardmaker activities onto the mimio to make it more interactive for my students. I am more than happy to exchange activities with you. I teach at the high school level at a private school but my activities are geared toward their cognitive levels.


Posted by [DianaD](#)
Downloads: 103

How to Play Video in MimioStudio software

For multimedia files to play in MimioStudio, Mimio will use the codecs from the default multimedia programs such as Windows Media Player (.wmv) or Quicktime (.mov). It will also take advantage of any other codecs that are installed within these programs for other file types. In order to play various file types, you will need to download the proper codecs. Follow appropriate link below:

Windows: http://www.mimioconnect.com/content/lesson/video_codec_pack_windows
Mac: <http://multimedia.software.informer.com/download-multimedia-player-mac-c...>

Multimedia play

Thanks so much for the download link. I hope to utilize this into my lessons more often. I noticed that my lessons interest the students more when I interject "clips" into my program, but I have just closed the notebook and brought up the internet to play the site. This is time consuming and at times I can lose my students focus. I will practice with this and see what I can do with it.


Posted by [DianaD](#)
Downloads: 103

10. Free Professional Learning Community | Learn from the Leaders!

Member Profiles

Register to join MimioConnect and you can share your background, current teaching situation, and personal stories with teachers from around the world. You choose how much or how little to share with just a click of your mouse, so your privacy is honored.

Most Active



Teachers Domain
251 Lesson Plans & Activities
Uploaded



teepeesmommy
156 Lesson Plans & Activities
Uploaded



angelacrescenzo
38 Lesson Plans & Activities Uploaded



tastephens
44 Lesson Plans & Activities Uploaded



sniderk
69 Lesson Plans & Activities Uploaded



lynnreedy
62 Lesson Plans & Activities Uploaded

Member's Profile

[Send Message](#)



About teepeesmommy

First Name:	Claire
Last Name:	Pavia
Subject(s):	Education
Grade:	Gr. 1 Age 7
Years Experience:	11 years
Degrees:	M.S. Education/Special Ed.; B.A. Early Childhood Education Lutheran Education
Affiliations:	Association, Illinois Reading Council FETC2011Contest, First Grade - NES, K-1 Collaborators, Make My Lesson Better, Mimio Certified Trainers
Group(s):	
Language:	English

teepeesmommy's stats

Member since:	06/11/09
Lesson Plans & Activities Uploaded:	156
Downloads:	1191

About teepeesmommy's School

Name of School:	Lutheran School
Location Type:	Rural
School Type:	Parochial
Student Enrollment:	0-500
Average Class Size:	21-30



Company Profile

Award Winning Industry Innovator | Award winning industry innovator and inventor of the interactive projector, Boxlight has spent the past 30 years helping educators transform teaching and accelerate learning. In 2016 Boxlight and Mimio joined forces, creating a powerful “one stop solution” for educational interactive hardware and software. Industry analysts expect that within the next 5 years, Boxlight will emerge as the leading interactive technology vendor in education.

Headquartered in Atlanta | US owned and operated, Boxlight is headquartered in Lawrenceville, GA. This location houses executive offices and service center, as well as a 20,000 square foot climate controlled warehouse. Additional offices, service center and warehouse are located in Poulsbo, WA. Founded 1985, Boxlight quickly became an industry leader in presentation technology, climbing Inc. 500 lists. Boxlight has focused on education since 2009, accelerating learning for millions of children across the globe.

Mimio Merger | Sales have more than doubled since Boxlight merged with Mimio.

Publicly Traded on NASDAQ | Boxlight became a publicly traded company on Nov. 30, 2017, strategically positioning them for future growth, acquisitions and expansion.

Analyst’s Pick | Beige Market Intelligence, a leading market research firm, believes Boxlight will become the global leader in the next 5 years. Their full report is available at <https://www.pr.com/press-release/668875>.



“In the next five years,
Beige Market Intelligence expects
the competitive scenario to change and
Boxlight to emerge as the leading vendor
in the worldwide interactive display market
in the education sector.”





System Testing

Section 3.13

Vendor Testing Procedures | District Level

The items in this section are best tested at the district level. Auto Shutdown would be difficult to test efficiently nightly on a per classroom basis. The other 3 items relate to the MimioStudio software which will operate in a consistent fashion in every classroom. Consequently the most efficient and effective way to test these items is at the District Level.

Auto Shutdown | Enterprise Management | 3.13.2.5 | Once the Boxlight ProColor Remote Management and Reporting Software has been installed and configured, as outlined in Section 4.5.9 of the Section 4.1 Response Form, the system is ready for testing. The test can select a single school, a group of schools, or all schools for automated shutdown. After the scheduled shutdown time, the effectiveness can be tested two ways: 1) by looking at the status reported in the Remote Management Software, and 2) by visually verifying, classroom by classroom at the school level.

ActivInspire Flipchart Import | 3.13.2.7

Background

Boxlight recognizes the extreme importance of protecting the legacy content our school partners have developed over many years. The need to protect this content and maintain its usefulness caused us to launch an intense and ongoing program to develop and maintain the ability for users to open, use and enhance content created in 3rd party applications without going through a time consuming import or conversion process.

We recognize the importance of maintaining the fidelity of the original content as much as possible, ensuring the individual objects of the source file are maintained as such – individual, editable, reusable, objects.

The Technology Challenge

Opening any file type in a different application is the technical equivalent of language translation. This is a complicated process that changes over time as technology changes. Consequently, Boxlight treats this important capability as an ongoing activity, maintaining a team who keeps track of the latest developments in file formats and generates new versions of our software as needed. When a file is discovered that doesn't "translate" well, it is forwarded to the Boxlight team for analysis, diagnosis, and development to further enhance the MimioStudio software.

Test and Verification Process

Step 1 | Preparation

Participants | Determine which departments/users will participate in the test.

Content Samples | Gather from those users a wide range of sample of content

Notes | Newer content is generally best because it typically uses the features in the most recent version of the original software

Content should include a wide range of elements: a variety of fonts and font sizes, images pasted in from various formats (jpg, png, etc.), embedded audio, embedded audio/video, interactive content, assessment content

Select from this content a sub-set that contains in aggregate suitable breadth

Develop a checklist to document each page's key attributes

le: object formatting (font, font size, bold/italic/underline)
object position, assessment function, and so forth

Step 2 | Testing

Equipment Setup | Have both the original source software and Boxlight's MimioStudio loaded on the same computer. Ideally, a computer equipped with dual monitors to enable easy side-by-side comparison.

Process | Advance through the content one page at a time, doing a side by side comparison of each page, comparing the layout and functionality in the native software to MimioStudio. As mentioned above, ideally with one on the left-monitor and the other on the right monitor.

Documentation | Step through the key attributes listed above and grade each using a four-point scale. For any attribute judged in the lower two regions add a clear and specific comment as to the shortfall. Take a screen-shot to capture the images and annotate the specific shortcoming.

Step 3 | Submit to Boxlight

Submit to Boxlight | Submit the original source files along with the evaluation report, including annotated screen shots, to Boxlight.

Step 4 | Remediation

Review & Revise | Boxlight's development team typically provides an initial assessment of the observed issues including their cause and draft remediation solution, within 7-10 business days. Any revision to the MimioStudio software will be provided as soon as possible, typically 1-3 weeks depending on the complexity of issues reported .

Step 5 | Evaluation

Repeat | Upon receipt of the revised software repeat the above testing process for the identified slides.

Step 6 | Ongoing

Report | Whenever import quality issues are found they should be reported through Boxlight Tech Support where they will be passed to the software team for analysis and remediation.

Summary

Boxlight is committed to long-term support of this crucial ability. We are very aware of the value of the legacy content developed by districts and content providers. We will make every effort to continue to provide fast, simple, accurate, object-level opening of non-Boxlight files.

Classroom Management Features | 3.13.2.10

Introduction

Managing the classroom remains one of the most important responsibilities, and challenges, for any teacher. MimioStudio provides a wealth of tools facilitate this important and ongoing task.

Tools Overview

Proximity Control

- **Remote Control** | Wireless client devices such as an iPad or Android tablet can be used to remotely control content and applications on the panel, freeing the teacher to roam the classroom without interrupting the lesson.
- **Freedom to Roam** | The freedom to roam allows the teacher to be among the students, a strong classroom management feature on its own.
- **Improved Behavior** | Teachers can walk directly to any student that is presenting behavioral or engagement issues.
- **Increased Engagement** | Teachers can immediately engage the student by handing them the client device, allowing them to lead that portion of the lesson.

Student Engagement

- **Interactivity** | The collaboration features of MimioMobile provide a rich set of assessment, collaboration and interactivity capabilities, each of which drive high levels of student engagement in individual or group activities.
- **Immediate Feedback** | MimioStudio's built-in real time assessment capabilities provide students with instant feedback, keeping them engaged in the learning process.
- **Collaborative Learning** | MimioStudio allows up to 50 students to collaborate simultaneously using iPads, Chromebooks, Smart phones, tablets or computers. In the example shown at right, multiple individual devices are being used simultaneously in a sorting activity. Collaborative hands on learning drives high levels of engagement.
- **Learning Groups** | MimioMobile allows groups of students to work together on a shared device. The work of all groups or any combination of, group(s) can be displayed at the front of the classroom, allowing all teachers and students to collaborate simultaneously in real time.
- **Notifications** | In addition, MimioMobile provides direct alerts to the teacher if the student closes the MimioMobile app on his or her Client device or disconnects, whether intentionally or accidentally.
- **Focus Tools** | MimioStudio tools such as "spotlight" and "reveal" help students focus on relevant content, keeping them engaged with the lesson.



Figure 6 - Multiple-Choice Assessment as Shown on a Hand-Held Device

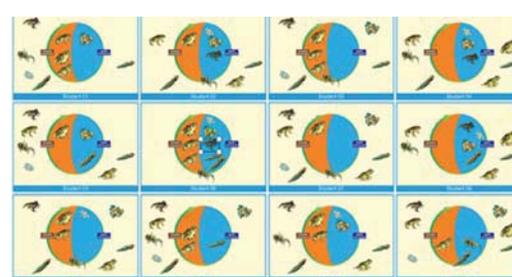


Figure 7 - MimioMobile Showing Multiple Students Using a Drag-and-Drop Sorting Activity

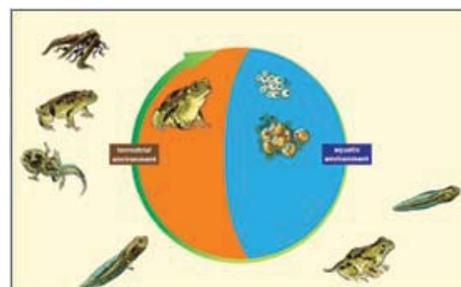


Figure 8 - Sorting Activity as Displayed on a Single Hand-Held Device

Time on Task

- **Real Time Notification I** MimioMobile’s collaboration feature notifies the teacher when a student goes off task, allowing the teacher to refocus the student.



Figure 9 - MimioMobile Showing One Student Off-Line

Instructional Pacing

- **Assessment for Learning I** MimioStudio’s integrated “Continuous Assessment” capabilities provide immediate feedback for both teachers and students, providing valuable data to make real time decisions on content, pacing and re-teaching. Gone are the days of finding out “after the fact” that students didn’t understand a particular concept. Class level information is provided “at a glance,” while detailed information for each student is automatically stored in the Gradebook for later review.
- **Differentiated Instruction I** Assessment data helps identify student’s specific needs quickly, allowing for early interventions.

Focus Tools

- **Embedded Multi-Media I** Drawing attention to the front of the class is aided by embedding images, animations, audio, and video unto the MimioStudio pages.
- **Reveal & Spotlight Tools I** Attention can further be focused into specific screen areas using the Spotlight and Reveal tools of MimioStudio.

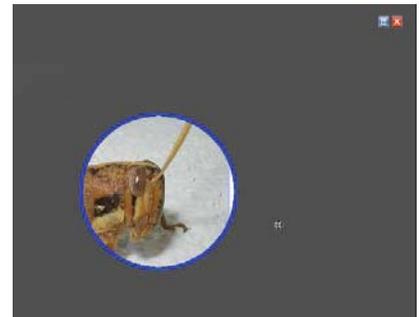


Figure 10 - Spotlight Tool Focusing on Part of the Image of a Grasshopper

Time Management

- **Built In Timer I** MimioStudio includes a built-in timer that can be used to structure and focus assessment times, group work occasions, and even quiet study times.
- **Incentive Rewards I** The MimioStudio timer can also be used to drive specific behaviors by, for example, promising reduced homework in return for N solid minutes of quiet study and/or group work.

Classroom Management

Classroom management is a fine art learned and perfected over a teaching career. MimioStudio and MimioMobile bring an additional set of flexible tools designed for the Interactive Digital

Testing Procedures

Proximity Control | Ensure Teacher Control Set Up and Working Correctly

Step 1

In the MimioStudio™ classroom software on the computer, click on "Tools" > "Settings"> "Mobile."
Mac: Notebook > "Preferences" > "Mobile"



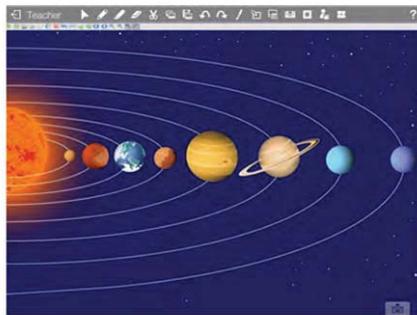
Step 2

In the MimioMobile™ app on the teacher's mobile device,* the teacher should tap on the large QR code image and then point and align his or her mobile device camera at the QR code projected on the whiteboard or computer monitor.



Step 3

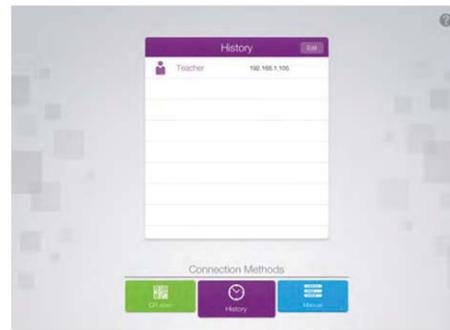
The MimioMobile app now has full control of your computer.



Allowing the teacher to fully control the board from anywhere in the room.

If you've previously connected

Tap on the "History" tab and choose recent Teacher connection



Collaboration Tools

Collaboration

Collaboration | Up to 50 Concurrent | Spontaneous or Prepared Activity

Real Time Collaboration | Allows All Students to Individually Work on An Activity Simultaneously On Their Mobile Device | Allows Teacher and Student to Collaborate Real Time

Teacher | Launch | Open MimioStudio Notebook to Activity Page | Click Collaborate Icon 🧑‍🎓

Teacher | Hide | Click Hide Icon 🙋

Teacher | Show a Single Student's Display | Double Click the Bar Containing Their Name

Teacher | Select Students for Simultaneous Display | Click Selection Icon 🧑‍🎓 | Click Check Box for Desired Student(s) (1-49) | Click Green Check Icon at Bottom of Screen

Teacher | Return to Showing All Students | Click Home Icon 🏠

Students | Use Tools To Complete Activity

Quick Collaborate | Up to 50 Concurrent | Sends Blank Workspace to Students

Teacher | Launch | Open MimioStudio Notebook | Click Application Icon 📄 | Click Quick Collaborate

Students | Use Tools To Complete Activity

Assessment Tools

Prepared Assessments

Creating Prepared Assessments

Teacher | Insert New Page | Click Gallery Icon  | Select Questions & Results | Open Questions & Results | Drag Desired Template To Page | Enter Question | If Multiple Choice, Enter Answers | Select Correct Answer, If Appropriate | Select Null If Opinion Question  

Launching Prepared Assessments

Teacher | Click Arrow  to Begin Assessment | Click Red Button  to Stop Assessment | If you have preselected a correct answer, it will display. | Click Results Icon  | Click Question Results to See Class Results

Answering Prepared Assessments

Student | Use Tools to Complete Activity | Click Submit

Note | Students On Smartphones may need to scroll down to see Submit button.

Viewing Individual Responses to Prepared Assessments

Teacher | Open MimioStudio Gradebook | Select Class From Drop Down | Select Date from Drop Down Icon | Select Test From Drop Down

Spontaneous Assessments

QuickVote

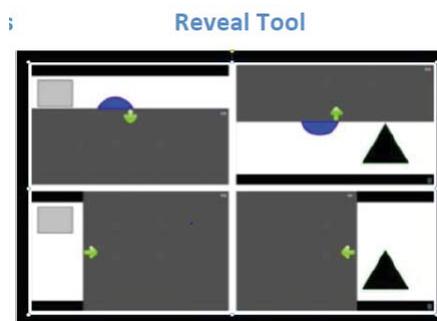
Teacher | **Launch** | Open MimioStudio Notebook | Click Application Icon  | Click Quick Vote | Select Question Type | Click Green Button to Launch  | Click Red Button to Stop  | Select Correct Answer | Click Results Button  to See Class Results

Student | Use Tools to Complete Activity | Click Submit (May need to scroll down on a Smart Phone to find submit button.)

Focus Tools

Reveal Tool

1. Activate Reveal Tool from Drop Down Menu.
2. Test Top Down Reveal
3. Test Left-Right Reveal
4. Test Right-Left Reveal
5. Test Bottom Up Reveal
6. Test Changing Transparency



Spotlight Tool

1. Activate Spotlight Tool from Drop Down Menu.
2. Test Moving It Around on the Page
3. Test Changing Its Size
4. Test Changing Its Shape
6. Test Changing Transparency



Timer

1. Set Timer
2. Start Timer
3. See If Sound Plays At "Time"

Untethering Features | 3.13.2.9

Test and verification of Untethered Operation using MimioMobile

Every copy of MimioStudio includes a three-device license for MimioMobile, it connects with the Client Devices over the school's Wi-Fi. Operation is very similar to that when using MimioPad with the added benefit of an onboard video display and touch interactivity.

The following devices run native code, an app, when using MimioMobile: Apple iPad, Android tablets, iOS and Android mobile phones. Devices running MacOS, Windows and Linux [participate in MimioMobile through Google Chrome, Internet Explorer 11 and higher, and Microsoft Edge. MimioMobile can operate with any mix of approved devices and modes.

Setting up a Client Device to work as a remote control is very fast and easy. The details, including having MimioStudio installed on the Teacher Computer and on the Client Device(s), are covered in the online User Guides and so will not be addressed here.

Once setup is completed, the following is a strong test process:

- Be sure MimioStudio is running on the Teacher Computer and that it and all Client Devices are actively connected to the school's Wi-Fi².
- Following instructions in the MimioMobile User Guide connect one Client Device as the Teacher³.
- Using a finger, or suitable pointing device, on the Tablet Client Device, choose the pen tool from the MimioStudio Toolbar – then draw on the Tablet Client Device – the drawn lines will be visible on MimioStudio on the Teacher Computer.
- Again using a finger or suitable pointing device, click the “minimize” icon in the upper left corner of MimioStudio and display the Teacher Computer desktop.
- Use MimioMobile to select and launch any app on the Teacher Computer – the app will launch.
- Those two tests are sufficient to verify that the MimioMobile Client Device is working properly.

Note – as mentioned above, proper network configuration is essential. If the Client Devices cannot “talk to” the Teacher Computer MimioMobile will not be able to operate.



Figure 4 - MimioMobile Client Device Connect UI

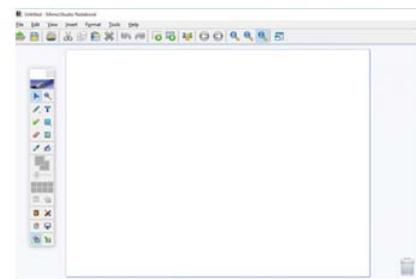


Figure 5 - MimioStudio UI as Shown on Tablet Client Device

Vendor Testing Procedures | Classroom Level

Flat Panel Screen | Max. # Touch Points | Touch Response | 3.13.2.1

Panel Testing

Panels are tested after Network cabling is connected to the Panel and the Network Javk and OPS is installed in the panel.

A. Power | The Panel Should come up with the District Image on the OPS automatically

B. Image | Type in the User Name and Password supplied by the District

C. Network | From OPS, Bring up Browser and connect to Youtube.com
Network thru Android Interface
Select Android and select the Globe and type in Youtube.com

D. Touch Points | After we are signed in to the Panel we will bring up MimioStudio and use the Pen feature—write the School Name at the Top
Next Line is the Room Number
Next Line is Serial Number
Next Line we will take both hands all 10 Fingers and touch and drag down the Screen to show that we have 10 points of Touch

Documentation | We Document every Room Install with:

1. Picture of the MimioStudio Screen Showing the School Name -Room Number –Serial Number and 10 points of touch.
2. Picture of Serial number badge next to an Asset Tag.
3. Picture of Document Camera Serial Badge next to an Asset Tag.
4. Picture of OPS serial Number Badge next to an Asset Tag.

All of the Pictures are to be Stored in a Subdirectory with the District Name Under that Is a School Name

Under that are Room Numbers and School information

All of the Pics and Info are stored on the Cloud in Box.com Folders that can be shared with everyone on the Project.

Adjustable Mounts & Table Modes | 3.13.2.2

If an Adjustable Mount is Installed with the Panel, test it by plugging the power cord to the wall and find the UP and Down button on the right or left side of the frame. Press the upper part of the switch will raise the Panel. The lower part of the switch will lower the Panel. Raise the Panel to its highest point and lower it to its lowest point.

BCSD Local Network Access | 3.13.2.3

Local Network access requires us to change the Computer Name to same naming convention that BCSD requires. In other Installs we will use the 1st 2 digits where the School name the 2nd 2 digits where number that indicate that it was a PC Module on a Panel and the other 6 digits where from the Serial Number of the PC Module. If the Network is up and the Name works we will be able to access the Local Lan.

Internet Access | Android & PC | 3.13.2.4

Network from PC Module—Bring up Browser and connect to Google.com

Network thru Android Interface---Select Android and select the Globe and type in Google.com. and connect to Google

Sound to In Room System | 3.13.2.5

Sound | We are using existing Speakers and Amp with 3.5 cable

A. We will be testing the existing Speakers and Amp and Cabling by connecting a iPhone via a 3.5 connection and play music thru speakers amp and Cables.

B. Panel sound is Tested after the Panel is Installed and we sign on using

The User Name and Password issued to me from the District- Bring up the Internet and Connect to You Tube and Play some music after connecting the 3.5 cable from the Amp to Audio Out from the Panel .

Interactivity | 3.13.2.8

Interactivity is tested on the Panel By Powering on the Panel and Coming to the District User Name and Password- Only use the Panels on board Key board and Type in the User Name and Password Hit enter and The Windows 10 Screen Should appear. Then Go to the MimioStudio Icon and Go to the Pen function and Write the School Name on Top of White screen and Room Number and Serial Number of Panel Below that. Next go 2 lines down and take both hands all 10 fingers and drag down the Panel. You Should have 10 lines down the screen.

Power | 3.13.2

Power is tested by plugging in the power cord to the Panel, and pushing up the rocker switch in the back of the Panel. The red Light on the front power button should turn on. Next press the red power button. It should turn green and start the firmware boot process which will look for the PC Module if it is installed on the Panel. The District Logon Screen will appear if an image was supplied by the District



Solicitation No. 18C-018

Proposal Response Form

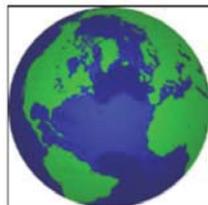
Section 4.1

HOWARDTM
TECHNOLOGY SOLUTIONS

with



and



WorldWide Data
275



Proposal Response Form

Section 4.1



SECTION 4.1 - RESPONSE FORM

4.1 GENERAL

4.1.1 | This "Section 4.1 - Response Form" must be filled out in its entirety either typed or printed neatly in ink for each System proposed.

4.1.2 | An officer of the proposing entity or other person authorized to bind the Offeror in this matter must sign all proposal copies in permanent **BLUE** ink.

4.1.3 | Failure to answer any questions, or provide information required in the proposal document may subject the entire proposal to rejection. Questions concerning capabilities that cannot be provided by the proposed system must be responded to with the answer "not available", "not applicable", or other appropriate statements. Cross-references to other documents, URL's, etc, as answers to the proposal document's questions are not acceptable. The inability to meet a required feature or service may not invalidate the proposal but will be weighed in the final evaluation.

4.1.4 | Offeror is required to point out those services, equipment, and features which cannot be provided and Contract conditions which cannot be met. These must be indicated in a separate document entitled "Exceptions/Qualifications".

4.1.5 | If alternatives to specified services, features, or contract conditions are available, which in the Offeror's opinion may accomplish the same purpose, then details of the alternative may be included on a separate attachment entitled "Alternatives".

4.1.6 | In the event the Offeror believes it can offer services, features, or contract conditions that may be more favorable to BCSD than those set forth in this document, please submit a description of those items with the proposal response in a section entitled "VALUE ENGINEERING" (4.11). Such services and conditions will be taken into account in evaluating the proposal. This, however, does not relieve the Offeror from adhering to the specifications in the base proposal.

4.2.2 Location of local (nearest) service center: **Lawrenceville, GA (Boxlight)**

Hours of operation: **8:30-8:00 EST with 24 Hour Emergency Coverage**

Toll free number: **877-696-4646**

Toll free number – Hours of operation: **8:30-8:00 EST with 24 Hour Emergency Coverage**

Service Call Wait Time | 80% of the calls to Boxlight Tech support are answered in less than 60 seconds.

4.2.3 Number of installation and maintenance personnel in local service center (clarify quantity by technology system):

2 Full Time Boxlight Employees dedicated to service and logistics of interactive flat panels...

Trained on All Systems

WorldWide Data Systems | 8 Installers | 4 Teams...Trained on All Systems

NOTE | We weren't sure if you were referring to Manufacturer or Installer, so we are responding with answers from both where there is overlap.

Number of installation personnel trained on the systems proposed (clarify quantity by technology system):

WorldWide Data Systems | 8 Installers | 4 Teams...Trained on All Systems

Number of maintenance/support personnel trained on the systems proposed (clarify quantity by technology system):

Howard Technology Solutions | Brian Featherston | SC AV Engineer | Based in Rock Hill, SC

WorldWide Data Systems | Same

(If the same personnel conduct maintenance, installation and add/moves, fill in only one of the responses above and mark "same" for the subsequent responses.)

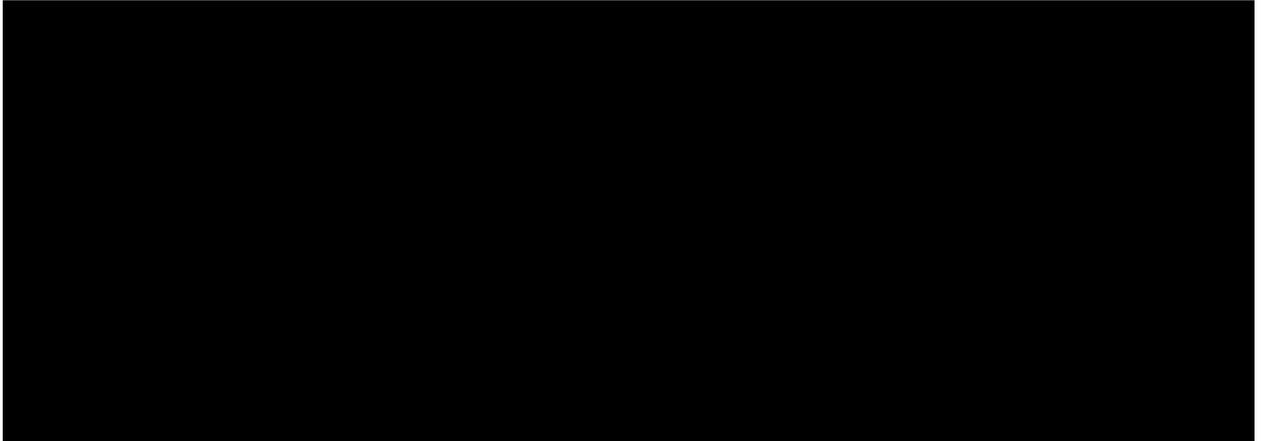
Are manufacturer certifications required to install the proposed flat panel displays? **Desired** Software? **No.**

4.2.4 How large an area does your maintenance/support force cover?

Howard Technology Solutions | Brian Featherston | SC AV Engineer | Based in Rock Hill, SC

WorldWide Data Systems | 300 Mile Radius

4.2.5 Describe the organization of the installation department. An attached organization chart will suffice.

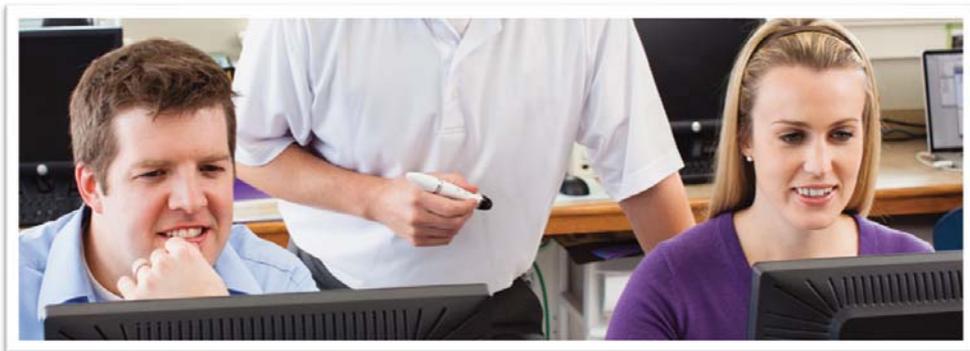


4.2.6 Describe the organization of the maintenance/support department (an attached organization chart will suffice):

Boxlight Customer Care I AKA “Tech Support”

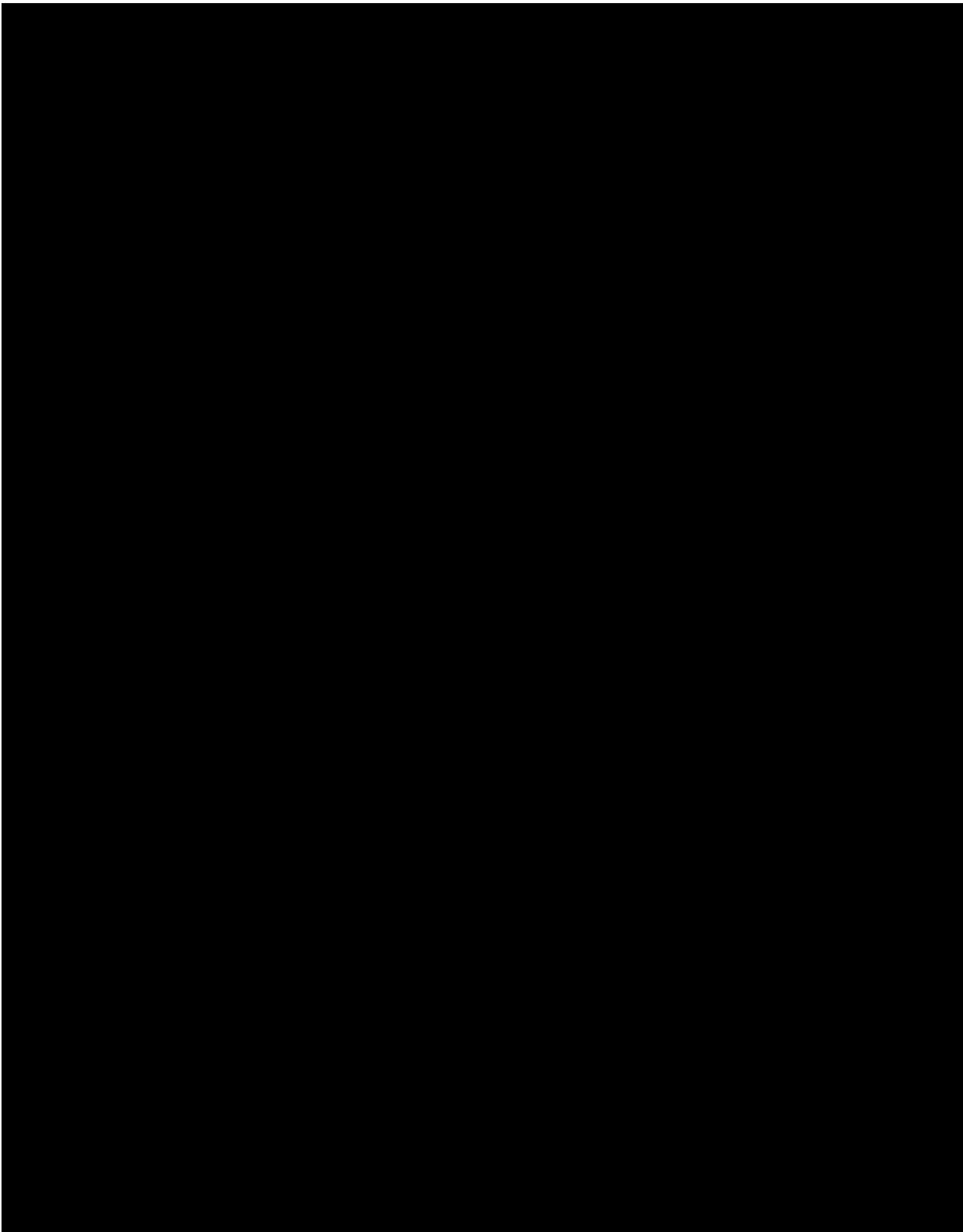
Mission

At Boxlight, we have a simple mission in Customer Care: We aim to create raving fans. We want you to be so thrilled to teach with our technology that you won't want to teach without it. But if something goes wrong—or it just doesn't work—we're here for you. It's never fun to call a company to tell them you're having an issue, but we want to find a way to make your day and turn you into a raving fan.



Boxlight Customer Care Team





Onsite Support | When onsite warranty support is needed, Boxlight contracts with our partners to provide the service.

4.2.7 Do you plan to subcontract any portion or all the System installation? If so, who would perform the work? If so, please provide all information identified in the RFP and Response requirements. Explain, if all or partially subcontracted:

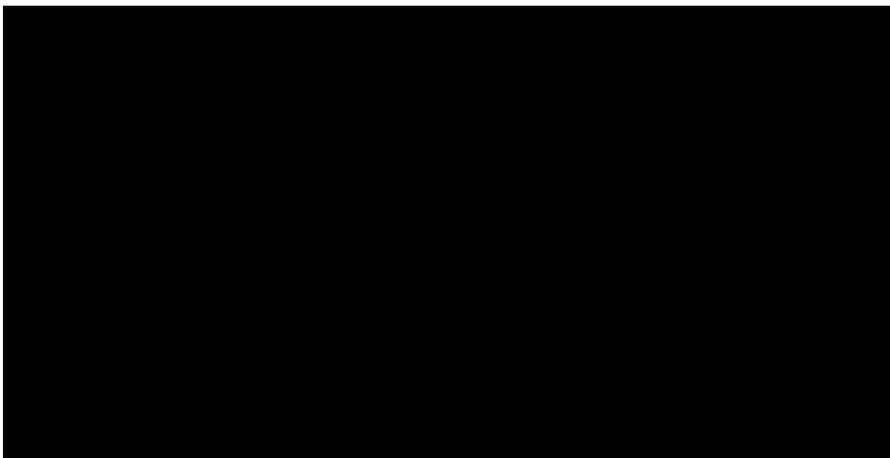
Response I Yes, as outlined in the cover letter and throughout the RFP, we plan to subcontract all of the System Installation to our Preferred Installer, WorldWide Data Systems. Details below and in Section 4.0.1.4 Project Manager & Project Personnel behind Tab 3.

WorldWide Data Systems I Company Overview

Preferred Installation Partner I Resellers, Vendors and School Districts all love working with WorldWide Data Systems. Why are they in demand? Reliability. Honesty. Integrity. Responsibility. Attention to Detail. High Quality Work. Industry Knowledge. Problem-Free Installations. Professional Conduct. High Quality Staff. Exceptional Customer Satisfaction. A Desire to Please. Doing the Job Right. The First Time. On Time. On Budget. Everything you could ask for in an installation partner.

Online Project Management I Their Online Project Management System, accessible by WorldWide and District personnel, houses all relevant project documentation including: Site Survey Forms, School Maps, Completion of Work Forms, Pictures of Completed Work, Sign Off Sheets, Shipping Receipts, Serial Number and Asset Tag Information...whatever is needed for a given project.

Experienced with Large Implementations I Seasoned professionals, the team at WorldWide Data Systems has successfully installed educational technology in over 25,000 Classrooms. Projects range in size from 100 to 7,000 units. A few examples of larger projects are listed below.



High Retention Rates I As the old saying goes, "Success breeds success." WorldWide Data Systems obtains most of their business from word-of-mouth referrals, and a large contingent of repeat customers. Clients who want "hassle free installation" retain the services of WorldWide Data Systems. There is no substitute for experience.



Name and address of Subcontractor and specify the work to be performed:

Subcontractor Name | World Wide Data
Subcontractor Role/Portion of Work | Installation
Subcontractor Address | 824 Forest Path Lane | Alpharetta | GA | 30022
Subcontractor Phone | 404.543.0824
Subcontractor Taxpayer EIN # | 58-2263144
Subcontractor Contact | Gary Ditmore | Owner | President
Subcontractor Email | wdsystems@gmail.com

4.2.8 Do you have full time sales and support resources that physically reside within 300 miles of Beaufort, SC? If no, explain. **Yes**

Lincoln Glover – Account Manager
Howard Technology Solutions
St. Helena Island, SC

Gary Ditmore – Installation
WorldWide Data Systems
Alpharetta, GA

Brian Featherston – AV Engineer
Howard Technology Solutions
Rock Hill, SC

Christopher Warner
WorldWide Data Systems
Atlanta, GA

Gabe Edwards – Sales
Howard Technology Solutions
Summerville, SC

Rob Little
WorldWide Data Systems
Winder, GA

Jesse Stephens – Sales
Howard Technology Solutions
Tallahassee, FL

Chase Little
WorldWide Data Systems
Winder, GA

Steve Mott – Sales
Howard Technology Solutions
Acworth, GA

Sharon Holton – Executive Sponsor & PD
Boxlight
Alpharetta, GA

Daniel Hunt – Sales
Howard Technology Solutions
Jacksonville, FL

Deepesh Purbhoo-Technical Support
Howard Technology Solutions
Cumming, GA

Josh Purcell – Sales
Howard Technology Solutions
Dacula, GA

Greg Miller
Howard Technology Solutions
Conyers, GA

4.2.9 If requested, do you agree to visit onsite with BCSD for the Technical Presentation/Demonstration as specified in 6.0.4? If yes, please document any equipment, resources, tools, etc., that the BCSD will be required to provide to accommodate your Technical Presentation/Demonstration.

Response I Yes, we would be delighted to have another onsite visit with BCSD for a Technical Presentation/Demonstration as specified in 6.0.4. If it would be possible to get a variety of ActivInspire Flipcharts sent to us ahead of time, that would be great. Also we will need access to power and a good, unrestricted internet connection.

4.3 CUSTOMER SERVICE AND SUPPORT

4.3.1 Will Contractor designate a specific Customer Service Representative for general customer service assigned to support BCSD? (yes/no) **Yes**

4.3.2 Will Contractor designate a specific Technical Service Representative for technical support assigned to BCSD? (yes/no) **Yes**

4.3.3 Will Contractor provide to BCSD the direct dial telephone contact information for both the Customer Service Representative and the Technical Service Representative? (yes/no) **Yes**

4.3.4 Does Contractor agree to meet onsite with BCSD at least once a year? **Yes**

4.5 HARDWARE AND SOFTWARE DESCRIPTIONS

4.5.1 Describe in detail the make, model, hardware specifications, features, and capabilities of the proposed **HD Flat Panel Display(s)**. Provide estimate of life span for the display(s). Add space as needed. Also provide manufacturer cut sheets.

Response I **Boxlight ProColor Panels I** Designed with the Classroom in Mind!

4K Platform for the Future I We are pleased to offer the Boxlight ProColor Series Interactive flat panels available exclusively in 4k resolution (3,840 x 2,160 pixel count) allowing for future-proof content viewing for a long-time to come.

Life Span I With a long-life 50,000 hour rated backlight, Beaufort County will enjoy up to 20 years of bright stable image quality (*based on 200 days per year at 5 hours per day*).

Android I Each 4k display offers a base Android for panel function control including volume, brightness, input, and additional settings as well as Boxlight provides additional included APPS/APK's.

Built In Accessories I The ProColor series offers an optional Win 10 PC module slot, robust set of inputs/outputs, and includes two 12 Watt Stereo Speakers for room filling audio.

20 Points of Touch I Boxlight is one of the only (if not the only) companies to offer not only a 20 points of touch system in Win 7+ but includes 10 touch points for MAC when used along with our award winning Mimio Studio software.

Touch 360 Technology | With Touch360 technology for the embedded touch technology, you can allow multiple users in both the horizontal and vertical planes without interrupting the other, providing smooth, consistent annotation and manipulation.



Classroom Tough | The incredibly hard (MOHS 7) etched 4 mm surface is sure to take a beating in the classroom and although as hard as quartz, offers a low-friction hand-writing surface to assist in comfort of free-form hand-writing and gesturing.

Additional highlights include:

NEW Flat Panel Displays

BOXLIGHT
mimio

Seeing is Believing

- ❖ Vibrant 4K UHD Display
- ❖ 55" | 65" | 70" | 75" | 86" | 98"
- ❖ Up to 20 Points Touch
- ❖ Built In Android All Sizes
- ❖ Optional i5 or i7 PC
- ❖ Attach 2 External PCs
- ❖ Built-In Speakers
- ❖ Includes MimioStudio
- ❖ Integrated Solution
- ❖ Leverage ActivInspire Content

INCLUDED

Designed for the Classroom



•Operates With or Without Remote

Integrated functions allow panel control with or without remote
Ability to adjust volume, input, power and access menu directly from panel

•Built In White Board Capability

Walk up and use without Activating PC

•Rapid Response

Real time interactivity allows you to write fluidly, without a lag

•Built In Classroom Control

Inappropriate student behavior? Lock panel with one touch on remote

•Quick & Easy Access

Front facing control buttons make controlling the panel quick and easy
Front of panel USB ports provide easy access | 2 for Android and 1 for Integrated PC

•Display Designed with Sunlight In Mind

Displays well, even in direct sunlight
No need to turn off lights or pull the shades



Integrated Technology

- **Embedded Android**

- Built-in instant white boarding

- Access files from thumb drive, without attaching or activating PC

- PDFs, pictures, video files

- One swipe to access Settings Volume & Input Controls, without a remote

- **Integrated PC (Optional)**

- Integrated full function PC, no need to attach cables

- Intel Processor Inputs for USB 3.0, Mini Display and HDMI

- Eliminates need for students to interact with teachers computer

- Removable for easy maintenance

- **IR Display**

- Quick and accurate, allows real time presentation & collaboration

- Sleek form factor, ultra thin design saves valuable space

- Durable glass

- **Energy Efficient**

- Activate Energy Saving Mode with touch of a single button

Boxlight Advantages

Superior Accuracy | Touch 360 Technology



All touch technologies are not the same. Traditional touch technologies use an X/Y grid for tracking. BOXLIGHT's Touch 360 Technology is a much more accurate system that avoids the "random" output generated with X/Y systems when multiple users are working at the same height. BOXLIGHT's Touch 360 has a richer IR field, and rapid tracking response system for seamless, reliable operation.



4K Resolution | Affordable Ultra High Definition



Boxlight is pleased to offer 4K Ultra High Definition panels at HD 1080p prices. These remarkable panels provide the ultimate in picture clarity. Available in 55", 65", 70", 75", 86" and 98" panels.

Amazingly Durable | 50,000 Hours



Rated at 50,000 hours, the life expectancy of a BOXLIGHT ProColor Panel is somewhat like a Timex watch or the energizer bunny. They just keep working.

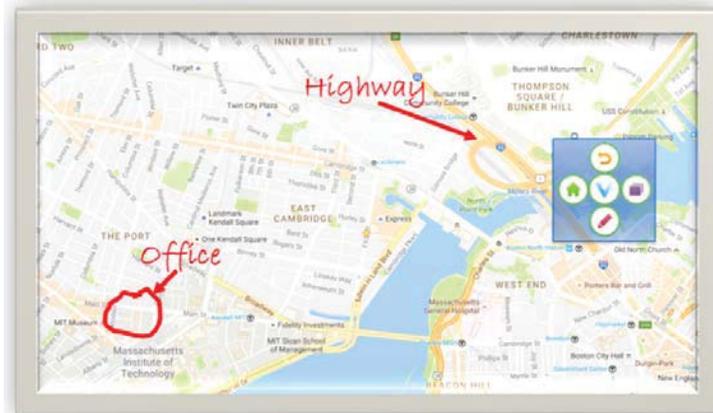
24 Watts of Power | Takes Sound to the Back of the Room



When students can't hear, they check out. BOXLIGHT dual 12 watt speakers ensure even those in the back of the room can hear content clearly.

Android Highlights

Boxlight's new line of 4K panels include a "new and improved" Android system. One that makes remotes optional, and provides "walk up and use" white boarding capability. Volume and brightness can be adjusted "on screen" and a suite of apps have been included for your convenience. The system even includes stereo controls and "Picture within a Picture" capabilities, and a reader for Office documents.



BOXLIGHT-MIMIO	
Item Name/Number	
Interactive Flat Panels	
PROCOLOR 702U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 752U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 862U	with 4K, Android, 20 Touch,WiFi-002
PROCOLOR 982U	with 4K, Android, 20 Touch,WiFi-002

		70"	75"	86"	98"			
PANEL SPECIFICATIONS	MINIMUM	PRICE	PRICE	PRICE	PRICE	Howard/Boxlight Solution	Panel or PC	Meets Exceeds
HD Flat Panel with Base Android OS	NA					All panel sizes provided are 4k UHD (Ultra High Definition) 3840 x 2160P resolution and therefore EXCEED the minimum specification. All specified panels use Touch 360° Interactivity and offer 20 pts of touch in Win 7+ and 10 pts of touch in Mac (when using Mimio Studio) All specified panels offer a 4 mm thickness acid etched Level 7 MOHS anti-glare glass (equivalent of Quartz) and include a low-friction glass for smooth touch hand-writing. 60 Hz at 110v and 50Hz at 240v All specified panels are 4k resolution native at 3,840 x 2,160 All specified panels include 60 frames per second (fps) All specified panels include 3 HDMI inputs (1 of which includes a 4k/2k input) All specified panels include a VGA input All specified panels include a Display Port input All PC Modules include a 3.5 mm Mic-in and 3.5 mm audio output. All specified panels include a 3.5 mm audio out. All PC Modules include a 3.5 mm output. All specified PC modules include a standard 1000 base-T port. Ethernet for onboard Android 100 mbit. All specified panels include 1 USB 3.0 (side) . All specified PC Modules include 6 USB 3.0 ports All specified panels include 3 USB 2.0 (2 front, 1 on side) . All specified panels include a USB-B for touch control All specified panels include stereo audio at 12W x 2 2 Pens Included All specified panels accommodate VESA mounting 70" at 119 lbs. 75" at 127.7 lbs. 86" at 172 lbs. 98" at 331 lbs.	Panel	EXCEEDS
Touchscreen	10 Point						Panel	EXCEEDS
Gorilla Glass or Industry Equivalent	Yes						Panel	MEETS
Hz	Yes	60Hz*	60Hz*	60Hz*	60Hz*		Panel	MEETS
Resolution	Yes	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160		Panel	EXCEEDS
Frame Rate	Yes	60 FPS	60 FPS	60 FPS	60 FPS		Panel	MEETS
HDMI Inputs	3 or 4						Panel	EXCEEDS
VGA	Yes						Panel	MEETS
Display Port	Yes						Panel	MEETS
3.5 Audio In	Yes						PC	MEETS
3.5 Audio Out	Yes						Panel/PC	MEETS
Ethernet	Yes						Panel/PC	MEETS
USB 2	Yes						Panel	EXCEEDS
USB 3	Yes						Panel/PC	EXCEEDS
USB-B	Yes						Panel	MEETS
Integrated Sound	Yes					Panel	EXCEEDS	
Pens	2					Panel	MEETS	
Accommodate VESA 4 mounting	Yes					Panel	MEETS	
Flat Panel Weight	Yes	119#	127.7#	172#	331#	Panel	MEETS	
HD Flat Panel with all above		\$0	\$0	\$0	\$0	Panel	EXCEEDS	
4K HD Flat Panel Display (all else same)	Provide Option	\$0	\$0	\$0	\$0	Panel	EXCEEDS	
RS-232 option cost	Optional	\$0	\$0	\$0	\$0	Panel	EXCEEDS	
Wireless Native (cost to include wireless)	Provide Option	\$0	\$0	\$0	\$0	Panel	EXCEEDS	

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

4.5.2 Describe in detail the make, model, features, and capabilities of the proposed **Flat Panel Mounts (wall, wall adjustable, cart static, cart adjustable, and table)**. Add space as needed. Also provide manufacturer cut sheets.

Response | For this bid we are using Boxlight mounts, as outlined in the table and pages below.

BOXLIGHT-MIMIO
Item Name/Number
Mounts
Fixed Wallmount Procolor-Wallmount-001
Height Adjustable Wall Mount ProColor Panels Up to 75" LED-WALL-LITE
Height Adjustable Wall Mount ProColor Panels Up to 98" LED-WALL
Fixed Height Mobile Cart Procolor-Mobile-200 & Procolor-Wallmount-001
Height Adjustable Motorized Mobile Cart IFPD-MOB
Height Adjustable Motorized Mobile Cart to Table IFPD-MOBTLT

Wall Mount Systems

When it comes to mounting systems, one size doesn't necessarily fit all. Key considerations include panel size, weight, mobility requirements, and height of the users. Because of the weight of the touch screen glass, interactive video display systems are much heavier than traditional whiteboards. In order to ensure the safety of your staff and students, it's imperative you select a mount that hold the panel securely, year after year.

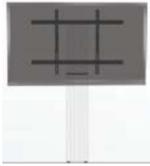
In order to provide our customers maximum flexibility, we offer a variety of wall mount systems. Everything from a standard static wall mount, to manual and electronic height adjustable mounts. A brief description of each option is listed below.

Fixed Wall Mount | ProColor-Wallmount-001



Standard Fixed Wall Mount | For the fixed wall mount, we recommend the Boxlight ProColor-Wallmount-001, which is rated for up to 242#... more than enough for all Boxlight ProColor Panels up to 86”.

Height Adjustable Wall Mount | 70” & 75” Panels | LED-WALL-LITE



Motorized Mount for 70” and 75” Panels | For the electronic height adjustable wall mount solution for 70” and 75” panels, we are recommending the LED-WALL-LITE, a top notch product with a center column. The system supports up to 330 lbs., and is easily raised and lowered up to 20” via the integrated motor and push button handset. Maintenance free and UL approved, the LED-WALL-LITE can be installed directly on any wall surface or over an existing dry erase board. This is an excellent product with a 5 year warranty that will serve you well for many years to come.

Height Adjustable Wall Mount | 86” & 98” Panels | LED-WALL



Motorized Mount For 86” and 98” Panels | For the electronic height adjustable wall mount solution for 86” and 98” panels, we are recommending the LED-WALL, a top notch product with a center column. The system supports up to 330 lbs., and is easily raised and lowered up to 20” via the integrated motor and push button handset. Maintenance free and UL approved, the LED-WALL can be installed directly on any wall surface or over an existing dry erase board. This is an excellent product with a 5 year warranty that will serve you well for many years to come.

Mobile Carts

Fixed Height Mobile Cart | ProColor-Mobile 200 & Mobile-Wallmount-001



Mobile Cart | We are offering the ProColor-Mobile-200 for a standard mobile cart. The height of the panel can be selected at installation. The cart includes two shelves, very convenient for storing laptops and materials. This stand supports up to 330 lbs.

Height Adjustable Motorized Mobile Cart | Up to 100” Panels | IFPD-MOB



Electronic Height Adjustable Mobile Cart | For your standard electronic height adjustable mobile cart solution, we are recommending Boxlight’s motorized IFPD-MOB, a superb product with a center column supporting up to 330 lbs. At the push of a button the system can be raised or lowered up to 20”, allowing users to work at a height that is comfortable them. Extremely durable and well-built, this cart is a customer favorite.

Height Adjustable Motorized Tilting Mobile Cart | IFPD-MOBTLT



Electronic Height Adjustable Mobile Tilt Cart | Boxlight’s height adjustable mobile tilt cart offers the ultimate in flexibility. Supporting up to 330 lbs. on a center column, this solution has the ability to quickly and easily turn any size Boxlight ProColor interactive flat panel into a height adjustable mobile interactive table!

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

4.5.3 Describe in detail the version, features, and capabilities of the proposed **Base Android OS** without attached PC Option. Add space as needed. Also provide manufacturer cut sheets if appropriate.

Response | The Boxlight ProColor Series we are proposing for Beaufort County includes a Quad Core graphics processor, a central processor using the ARM Cortex A53 Dual Core, and runs Android 5.1.

Designed for the Classroom I Included is 2 GB of RAM and 16 GB of ROM. *As all manufacturers of interactive flat panels, we are limited by the TV chipset functionality of our included Android.* Meaning, our chipset, is designed for control of the display primarily but will allow specific APPS that don't compromise memory or leave the chipset vulnerable to attack, and compromise the display functionality.

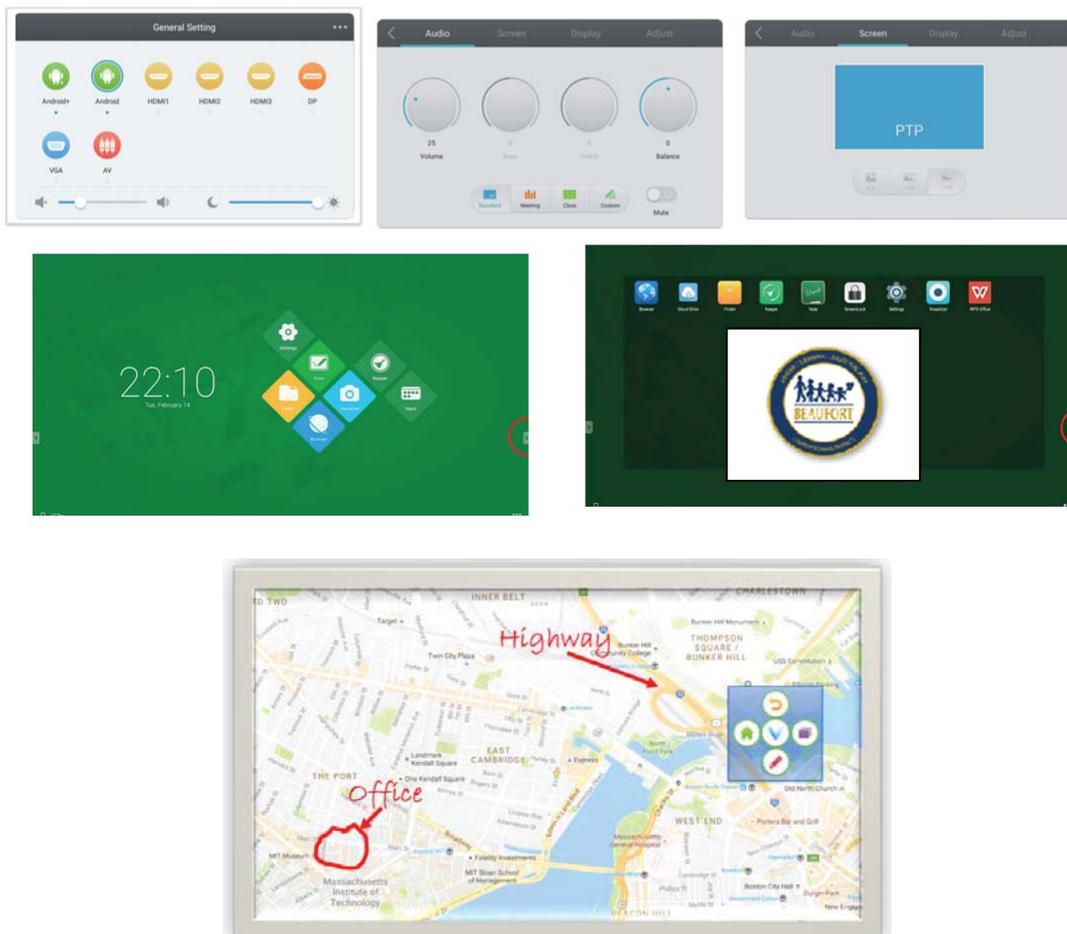
Suite of Apps I Base Android includes our annotation APP, a file sharing APP, and our Screen Share Pro wireless screen sharing APP. We also strive to work with districts to vet and provide specific tested and vetted APPS to customize the experience and protect the districts assets.

District Customized Start Up Screens I Additionally, we can provide district specific startup screens and custom menu systems to accommodate district specific needs.

Cut Sheets I Cut Sheets are included behind Tab 6 I Technical Info & Cut Sheets, in Section 4.0.1.7.

Android Highlights

Boxlight's new line of 4K panels include a "new and improved" Android system. One that makes remotes optional, and provides "walk up and use" white boarding capability. Volume and brightness can be adjusted "on screen" and a **suite of apps** have been included for your convenience. The system even includes **stereo controls** and **"Picture within a Picture"** capabilities, and a **reader for Office documents.**



4.5.4 Describe in detail the make, model, architecture, features, and capabilities of the proposed **PC Option**. Add space as needed. Also provide manufacturer cut sheets.

Response I The ProColor Series optional PC Module included in the Beaufort response is the ProColor-PCMODi5V2. This features an Intel i5 processor, 128 GB Solid State Drive, and integrated Intel Graphics.

The PC Module includes 6 USB 3.0, a VGA connection, and an included HDMI with 4k video compatibility.

Connections to your network will be a breeze with the include 10/100/1000M RJ-45 or Integrated 802.11ac (2.4GHz/5Ghz) embedded wireless with dual antennas.

Each PC module will come with a fully licensed version of Windows 10 Professional.



Cut Sheets I Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

4.5.5 Describe in detail the make, model, features, and capabilities of the proposed **Sound Bar**. Include whether customer can install. Add space as needed. Also provide manufacturer cut sheets.

Response | The Boxlight Sound Bar creates an immersive classroom learning experience with Boxlight’s Sound Bar. The entire class will hear and experience every aspect of the interactive lesson. The Sound Bar connects easily with Bluetooth compatible enabled devices as well as acts as a monitor when using the audio out connection of the Boxlight ProColor Interactive panel.

An included 5.25” wired subwoofer compliments the 4 full-range 2” tweeters to provide superior classroom audio sure to amaze your students.

Easily installed with provided hardware as shown below:



Additional Specifications Include:

MODEL	SOUND BAR WITH EXTERNAL WIRED SUBWOOFER
Material	High-grade ABS
Input	Bluetooth , AUX in, USB, Optical, FM
Frequency response	40HZ-20K HZ
Speakers	4*full Range+2*Tweeters+5.25 inch wired Subwoofer
Output	80W
Input Power	DC 24V, 4A
Channle	2.1
Sound bar Dimension	L720mm x W(84)m*H(72)mm
Subwoofer Dimension	L(310)mm*W(160)mm*H(190)mm
Distortion	<1%
STN	≥115dB
Meas	84*15*19cm
Qty	1 Pcs/Ctn
Gross Weight	8.5KG

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

4.5.6 Describe in detail the version, requirements, features, and capabilities of the proposed **ActiveInspire/Classflow basic features software or equivalent including Flip-chart import**. Do you provide an online repository of interactive “white board” lessons? Add space as needed. Also provide manufacturer cut sheets.


Presentation Collaboration Software
Connects the Entire Classroom



MimioStudio | The “Glue” That Connects All the Components

MimioStudio integrates all MimioClassroom™ products, making it easy for teachers to seamlessly incorporate accessories such as document cameras and tablets into their interactive lessons using the same piece of software. Powerful, yet easy to use, MimioStudio makes it easy for educators to create and deliver interactive digital learning content, collaborative activities, and real-time assessment for learning. Assessments can be pre-prepared using drag-and-drop templates, or easily administered on the fly. Available formats include multiple choice, short answer, numeric and short essay. MimioStudio works seamlessly with content created in programs such as PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView.

One Software | 3 Components

3 Components | There are 3 major components to MimioStudio Software:

- 1. MimioStudio Notebook |** Lesson Development & Delivery
- 2. MimioMobile |** Collaboration, Assessment & Remote Control
- 3. MimioStudio Gradebook |** Attendance | Assessment Results Performance “At a Glance”

Create.

Leverage & Enhance Existing Content | Including PowerPoint, Smart, Inspire

One of the reasons teachers love MimioStudio is its ability to work seamlessly with content created in programs such as Google Docs, Google Slides, Google Sheets, PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView. MimioStudio’s unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio’s object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.



EXAMPLE | 3rd Party File Open & Functioning in MimioStudio....Without Converting!



Create New Content | Using Existing Skills and Knowledge

Teachers who have experience with PowerPoint, Inspire or Smart Notebook already know 80% of what they need to know about MimioStudio. Toolbars were intentionally designed with recognizable icons. Teachers know what most of the icons on the tool bar are without having to be told. Why? Because they are familiar. Open, save, cut, copy, paste, delete, undo, redo, add a new page...zoom. Most teachers know this without any training.



Manipulate.

Object Oriented. MimioStudio's object oriented design makes it easy to manipulate content, allowing teachers to customize their own work and effectively use and modify content created by others.

3rd Party Content. This design structure plays a key role in allowing advanced functions created in other software, such as Smart Notebook. The USA States and Capitals lesson, created using Smart Notebook, is fully functional and editable, *without conversion*, in MimioStudio.

Move. The ability to move objects is important in both lesson creation and lesson delivery. It's easy in MimioStudio...just drag and drop!

Add Actions. Clicking or dragging an object can activate actions such as playing a sound, going directly to another page or website.

Add Sounds. Students love to hear the sound of applause! MimioStudio makes it available by simply touching an object. Sound can be used in science to hear the call of a bird, in music to hear the tone of a note, in social studies to hear Martin Luther King's "I Had a Dream" speech, and in ESL and foreign language to help students learn how to pronounce words.

Add Links. Time is of the essence. Teachers can maintain focus and maximize instructional time by adding links that lead directly to desired content. Be that a PDF, Word document, website, video, or another page in a lesson.

Clone. Cloning changes the properties of an object so that every time you drag it, you get another. This is especially helpful when teaching students how to make change, or working with different parts of speech.

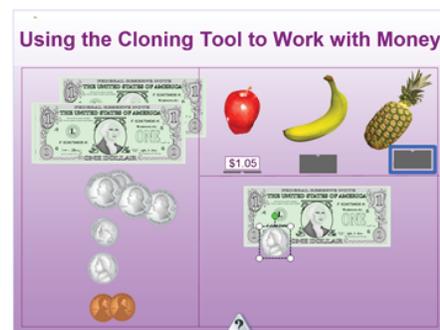
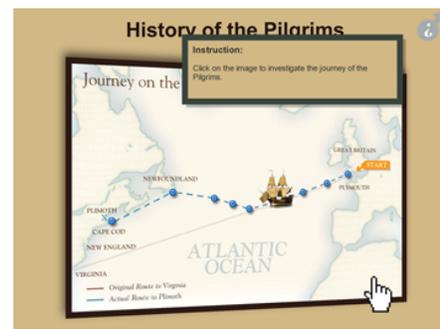
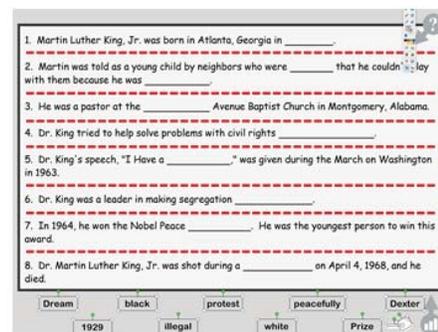
Group. Grouping lets multiple objects to be treated as a single unit, making manipulation fast and easy.

Layer. A favorite technique of exemplary teachers, layering allows teachers to create digital "stacks" and to "hide" content beneath other objects, which can be revealed at the appropriate time.

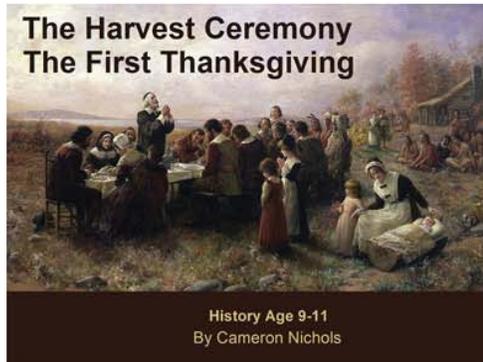
Animate. Animating an option adds motion which promotes focus and interest. Objects can be set to fade in or out, grow, shrink, and slide in from almost anywhere on the page.

Align. Left, right, top, bottom, center, to grid...

Cut, Copy, Paste....and many other helpful functions.



Save.



Content created in MimioStudio can be saved in a variety of formats including:

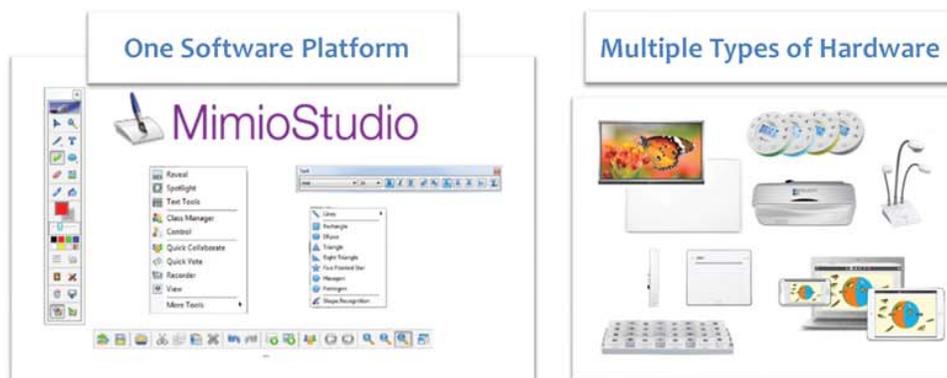
- **MimioStudio** (.ink)
- **BMP** (*.bmp)
- **CompuServe GIF** (.gif)
- **JPEG** (.jpeg)
- **PNG** (.png)
- **TIFF** (.tif)
- **Metafile** (.wmf)
- **Interactive Whiteboard** (.iwb)
- **Acrobat** (.pdf)

Works with 3rd Party Content | Saving Teachers Valuable Time

One of the things that makes MimioStudio consistently outshine the competition is its ability to work seamlessly with content created in programs such as PowerPoint, Word, PDF, ActivInspire, Smart Notebook and ExamView. MimioStudio's unique design enables advanced functions such as embedded audio and layering to continue working when the content is opened in MimioStudio. This is an extremely important, as it keeps teachers from having to rebuild the entire lesson, saving immense amounts of time and frustration. Furthermore, MimioStudio's object oriented structure brings over live, actionable, lessons, not just a static snapshot of the material.

MimioStudio Benefits

Easy to Learn | Only Learn ONE Software



Tell teachers you're giving them new technology, and you're likely to hear them say...

"I don't have time to learn one more thing!!"

Districts who adopt MimioStudio can respond...

*"That's OK. You don't have to.
You already know enough to start using the system."*

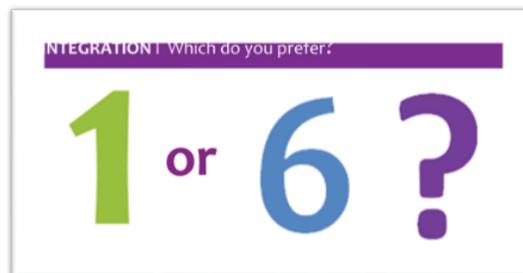
How can that be?

Leverage Existing Skills | MimioStudio was designed with teachers in mind. We know how busy they are. Teachers who know how to use programs like PowerPoint, ActivInspire and Smart Notebook already know 80% of what they need to know to use MimioStudio.

Start Using the Software Day 1 | Teachers can start using the software Day 1 by leveraging their existing skills. They already know how to annotate with the pen, highlighter and eraser. How to add text. Cut. Copy. Paste. Delete. Save. They can use lessons they already have. Lessons they created in PowerPoint, Inspire, Smart Notebook or Examview. It doesn't get any better than that!

Easy to Use | Learn Once...Use Again, and Again, and Again...

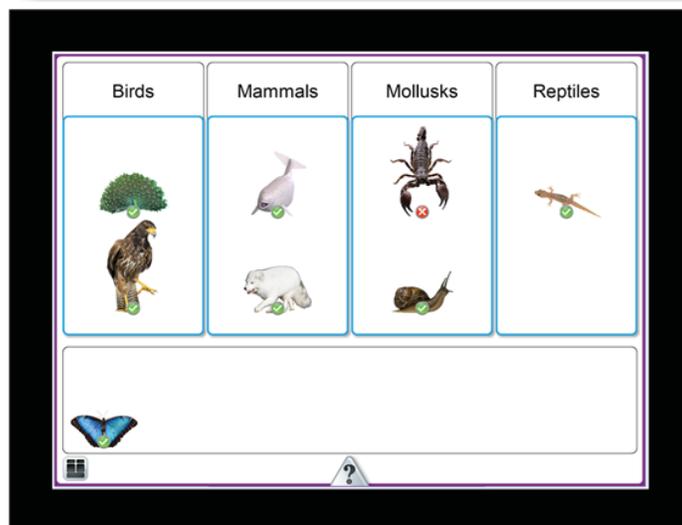
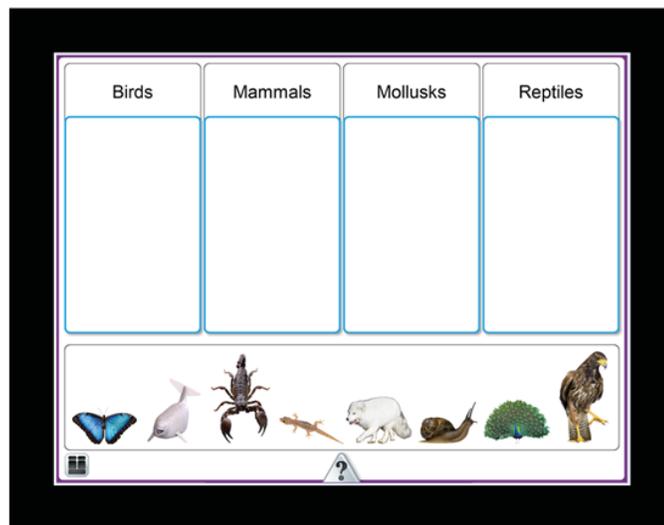
One or Many? | Give teachers a choice of learning one software that runs everything, or a different piece of software for every device...guess what they'll pick? They'll pick learning one software almost every time. Why? Because it takes less time to learn and is easier to remember, easier to use. Consistency creates confidence. Consistency increases usage. Consistency let's teachers focus on teaching, not the technology.



Efficient | Powerful Tools Make Creating Interactive Lessons a Snap!

Built-In Activity Wizard | MimioStudio's [ActivityWizard](#) uses a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in less than a minute. Activities like the one below (3-5th grade animal classification) can be used for whole group instruction, or pushed out to student devices as an individual or group activity. Work from up to 50 students can be simultaneously displayed.

Customizing the Activity | Teachers can let the system select the content automatically, or they can individually select a set of items from the answer pool. They can also choose whether or not to include distractors, and whether they want the students to receive immediate feedback or wait until they have completed the activity. At the touch of a button content can be reset or refreshed. Activities vary by grade level and content area.



Effortless | Over 5,000 Lessons Available...Free!

5,000+ Free Teacher Created Lessons | Want to accelerate your lesson development time? Leverage lessons created by other teachers...available for free at www.mimioconnect.com. Membership is free, and lessons are searchable by subject, grade level, author, popularity and keyword. Teachers can “use-as-is” or customize to meet their needs. See samples below.

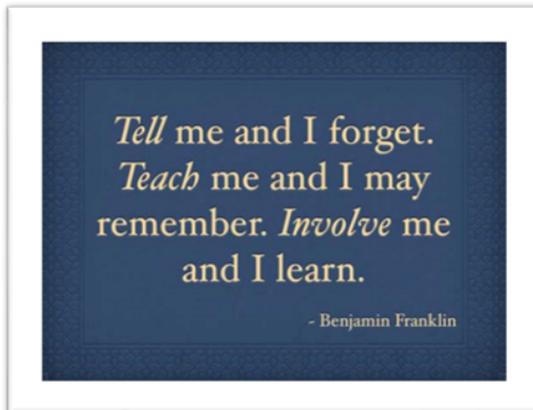
The screenshot shows the MimioConnect website interface. At the top, a purple banner reads "EASY | Ready Made Resources...". Below this is the "MimioConnect" logo and navigation menu. The main content area features a large purple banner for "MimioMobile Starter Pack" with the text "Activities, Tips, Assessment, and More to Help You Get Started with MimioMobile". To the right of this banner is a login section with fields for "Username:" and "Password:", a "Forgot Your Password?" link, and a "Log In" button. Below the login section is a "Why Become a Member?" section with three bullet points: "Find Content" (highlighted with a red box), "Get Interactive", and "Learn More".

A grid of nine sample lesson cards from MimioConnect. The cards are arranged in a 3x3 grid. The top row includes "The Harvest Ceremony The First Thanksgiving" (History Age 8-11), "MEET THE CANDIDATES" (Social Studies 6-18 Years), and "Landforms" (Where are you and Forest?). The middle row includes "Amazing Human Body Facts Word Problems! Mixed Operations for Grades 3-5", "STEM ACTIVITIES LABDISC PORTABLE LAB" (featuring a child using a green device), and "Go Math 9.2 pg 375" (Share and Show). The bottom row includes "Character and Setting Mimio Whiteboard Lesson" (Includes K-2 Common Core Standards), "MimioMobile Starter Pack" (Activities, Tips, Assessment, and More to Help You Get Started with MimioMobile), and "Learn Your Sight Words!" (by Penny Dell).

Educational Outcomes | Increased Student Engagement



Engage Students | Students learn better when they're involved. Digital Natives prefer learning that is hands on. Researchers have found that learning retention increases significantly when learners are actively engaged in their learning via hands on application in real world settings. Critical thinking and higher order learning are both enhanced through collaboration. Consequently, the most effective teaching methodology is not listening to a teacher present a PowerPoint, or passively watching a video. The most effective training takes place when learners are actively engaged.

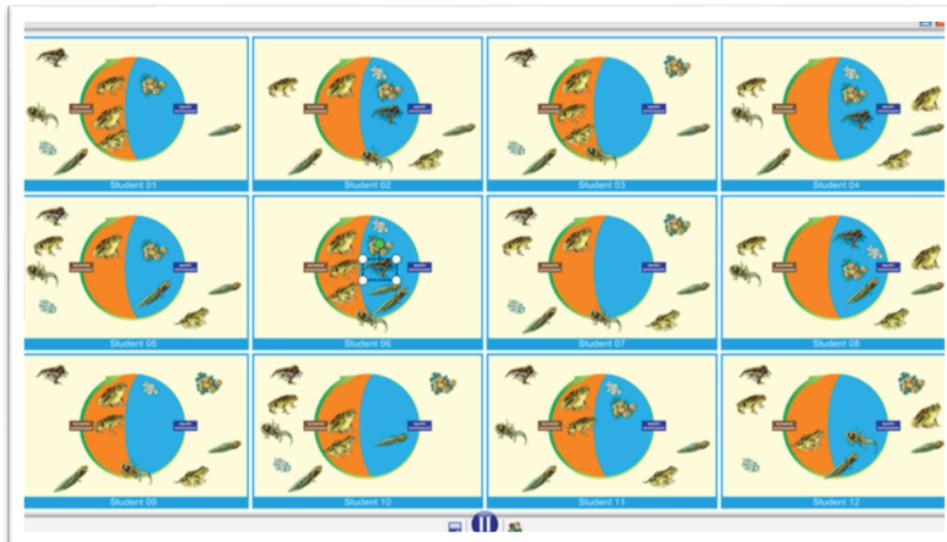


Teaching Method	Knowledge Retention
See I Hear Lecture	5%
Reading	10%
Audio Visual I Video	20%
Demonstration	30%
Discussion Group	50%
Practice by Doing	75%
Teaching Others	90%
Immediate Real World Application	90%

Simultaneous Participation | Gone are the days of one student working at the board at a time. MimioStudio collaboration tools allow teachers to send interactive content to students with the push of a button. Everyone is engaged simultaneously, working either individually or in groups, from their desk or at the front.



Simultaneous Display of Student Work | MimioStudio's collaboration features allow teachers to display the work of up to 50 students simultaneously. At a touch of a button they can hide the work, pause activity, or resume display.



Simultaneous Interaction | Not only can teachers display student work, they can interact with it real time from the front of the class, while the student continues working at their seat. Both have the ability to annotate, drag and drop etc., simultaneously in real time.



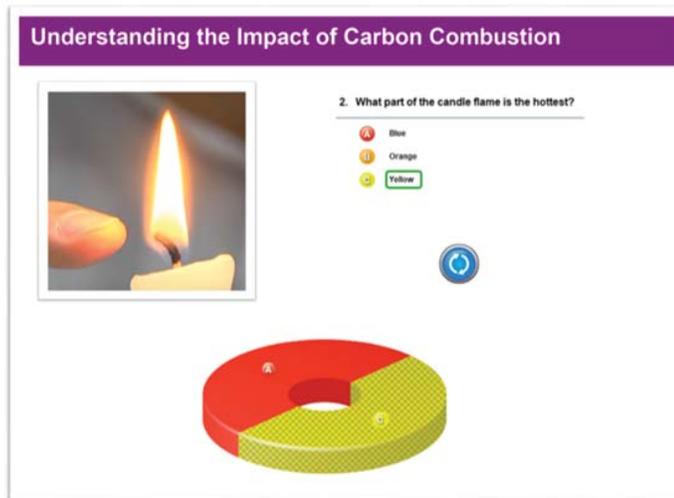
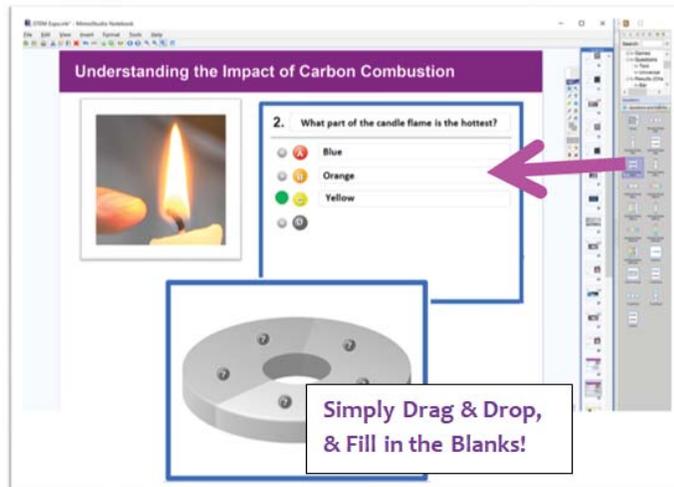
Multi-Modal Content | Boxlight's 4K Interactive Panel with built in speakers and 20 Touch Points simultaneously engages all modalities of learning...visual, auditory and kinesthetic.

Accelerated Learning! | Hands-on, interactive content engages students. Engaged students stay on task and are actively involved in their learning, accelerating the learning process. Want to keep your students engaged? Keep them actively involved in the lesson.

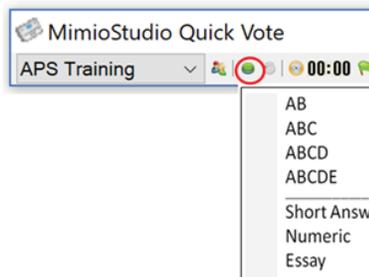
Effective. I Real Time Assessment

Integrated Assessment I Real time feedback allows student data to drive the pace of the lesson, keeping students engaged. Teachers no longer need to “guess” whether they should move on or extend the learning. Students get immediate feedback, building their confidence when they’re correct, and enabling them to ask questions when they need further explanation.

Assessment Creation Made Easy! I With MimioStudio, creating assessments is a breeze! Teachers simply drag and drop the template for the desired question format onto their page and insert the question. For multiple choice questions, they simply type in the possible answers and select which, if any, is correct. Available templates include: Numeric, Short Answer, Short Essay, True/False, Yes/No and Multiple Choice. Students can respond using Laptops, Chromebooks, iPads, Tablets, or Cell Phones.



Create Assessments On the Fly | Teachers also have the ability to quickly create assessments on the fly using MimioStudio's Quick Vote Tool.



Questions can be multiple choice, short answer, numeric or essay. See the results immediately! Questions and answers are recorded automatically by student.

Assess Student Progress At a Glance | Not only does MimioStudio automatically record and grade individual student responses, it provides a wealth of information "at a glance." For example, in the table below you can see that the majority of the students have mastered the content. For Question 2, you can see the question, available answers, correct answer, as well as individual student responses. You can also see each student's cumulative average.

Last Name	First Name	Attendance	Average	Q1	Q2	Q3	Question
Aragon	Trista	Present	52.0/60.0 (86.7%)	●	●	●	One chemical property of matter is <input type="radio"/> density. <input checked="" type="radio"/> reactivity. <input type="radio"/> texture. <input type="radio"/> boiling point. Weight: 1.00 Actions <input type="button" value="Edit Question"/>
Bermudez	Stirling	Present	52.0/60.0 (86.7%)	●	●	●	
Dugan	Rachel	Present	54.0/60.0 (90.0%)	●	●	●	
Duncan	Julie	Present	48.0/60.0 (80.0%)	●	●	●	
Erwin	Cody	Present	49.0/60.0 (81.7%)	●	●	●	
Franklin	Steve	Present	48.0/60.0 (80.0%)	●	●	●	
Gouge	Joe	Present	45.0/60.0 (75.0%)	●	●	●	
Hazen	Tony	Present	51.0/60.0 (85.0%)	●	●	●	
Hochstein	Craig	Present	53.0/60.0 (88.3%)	●	●	●	
Hoelmer	Elizabeth	Present	56.0/60.0 (93.3%)	●	●	●	
Hoith	Medolynn	Present	48.0/60.0 (80.0%)	●	●	●	
Jaeckel	Jon	Present	43.0/60.0 (71.7%)	●	●	●	
Loesch	Sydney	Present	45.0/60.0 (75.0%)	●	●	●	
Ortiz	Sandy	Present	37.0/60.0 (61.7%)	●	●	●	
Premer	Jake	Present	49.0/60.0 (81.7%)	●	●	●	
Slous	Pam	Present	43.0/60.0 (71.7%)	●	●	●	
Stuewe	Bethany	Present	53.0/60.0 (88.3%)	●	●	●	
Tyndall	Kaitlyn	Present	56.0/60.0 (93.3%)	●	●	●	
Class Average			49.0/60.0 (81.7%)	7/18	15/18	16/18	

Reason #3 | In “Reason #3” of “Why Prologic” we pointed out the investment in the initial acquisition is usually only the tip of the iceberg. An often unnoticed, “hidden” investment is the amount of time and effort teachers spend creating educational digital content. Even if teachers only spend 30 minutes a day (an average of 5 minutes per class) creating or curating content, over time, the investment really adds up.

\$150 Million And Counting... | As you can see from the estimates below, over the course of 1 year, that “hidden” investment comes to over \$30 million dollars. Over the course of 5 years, over \$155 million. That’s significant! And worth protecting.



Foundation for the Future | The Ultimate in Flexibility

FOUNDATION FOR THE FUTURE | Control Your Destiny

Grow As You Go. | Protect the “old” while taking advantage of the “new.”

The Interactive Classroom





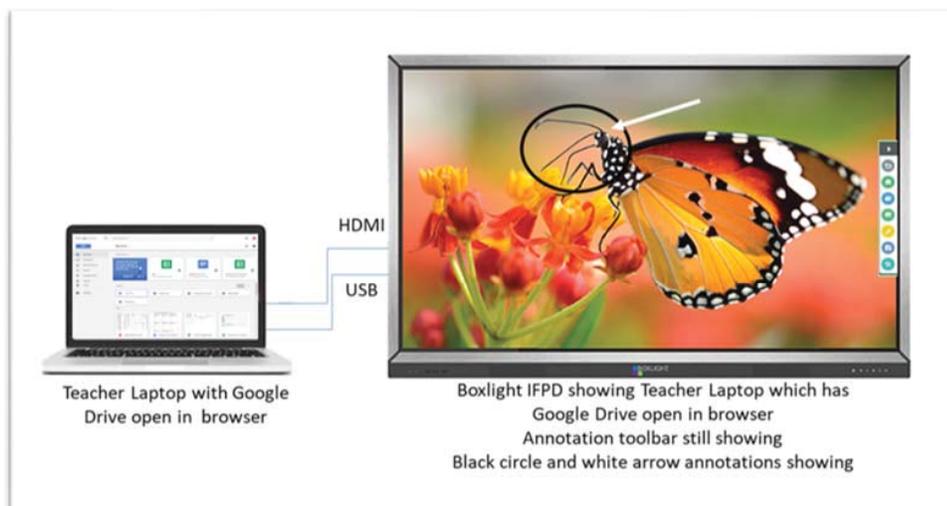
MimioStudio
classroom software

The Ultimate in Flexibility. | Upgrade to the latest hardware while protecting your investment in existing digital content and training.

Works with Google.

Google Drive Integration | The Boxlight Procolor panels uses a built-in Android OS which supports the ability to save any content created within our whiteboard app to be uploaded to Google Drive, providing ease of access of both teacher and student created materials. In addition to logging on to a Google account with an onboard or external PC, the panel can be connected to a Chromebook to allow use of the both the onboard Android tools and any Chrome App or Extension existing in the user's logged in Chrome account. In addition, Boxlight's MimioStudio Software can access Google Drive directly.

Enhance Google Docs, Sheets & Slides | The Mimio Studio software will natively open multiple file formats, including PowerPoint. A Google Slide lesson can easily and quickly be downloaded as a PPT file format, and then opened for use within the Mimio Studio lesson. Additionally Google Docs or Google Sheets can be saved in PDF and opened easily within our software for immediate use.



Google Keep & G Suite | Mimio Mobile's app is available in the Google Play Store. The Mimio Mobile application's login information - either a QR code or Web ID can be kept in Google Keep for immediate access within the Google Classroom environment using the app quick launch menu. Within Google Classroom, the teacher can add a link as well, allowing the student the ability to connect to a Mimio Mobile session. A teacher can quickly access student work developed using G-suite tools, and with a few quick clicks, can open and share the work out to any connected student device. This allows for not only collaboration, but the ability for team or individual work to be created, visualized, and saved.

Google Classroom | Boxlight is committed to enhancing and improving our award winning software and mobile applications to integrate with Google tools, in particular Google Classroom, to provide seamless use of these phenomenal tools within the teaching environment. We look forward to making enhancements that will support the use of technology tools to help support multiple pedagogy models, and provide digital learning opportunities using Boxlight Mimio's education solution suite.

Flipped Classroom

Learn At Home | Share at School | MimioClassroom's tools make Flipping the Classroom a breeze. Students can use the free home version of the software to create interactive lessons to share with the class. They can record their lesson, and then giving it in real time, so it can be shared, or posted online for future use. The screen capture is a fast, efficient way to get 3rd party content into a lesson. Content created at home can be stored on Google Drive, and then be accessed later in the classrooms. Content created using Google Docs, Google Sheets, or Google slides work seamlessly on ProColor panels. Content can be annotated, enhanced, saved for future use or shared out with others.



Differentiated Instruction

Differentiating Instruction can help accelerate learning for students, regardless of subject area or ability. How would this work in a Mimio Classroom? Let's listen to some suggestions from Paul Gigliotti, History Teacher and MimioMaster, who loves using MimioStudio tools to differentiate instructions for his students.

"I typically differentiate all of my high school U.S. History lessons by dividing the students up into three ability levels (Red, White, and Blue). For each topic we cover, each color offers students of different ability levels various degrees of rigor as well as choices for research materials and final products. I also use Mimio Mobile and MimioStudio frequently in class to get the students engaged in other similar activities not listed on the site. Feel free to have a look at www.mrgigliotti.com. .

"With MimioMobile, differentiated instruction has never been easier! As a classroom teacher, I can create a lesson in MimioStudio for various ability levels. My students then collaborate in small groups using their mobile devices to engage in active learning."

Paul Gigliotti, History Teacher

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

Differentiated Instruction Examples

Example #1 | Social Studies

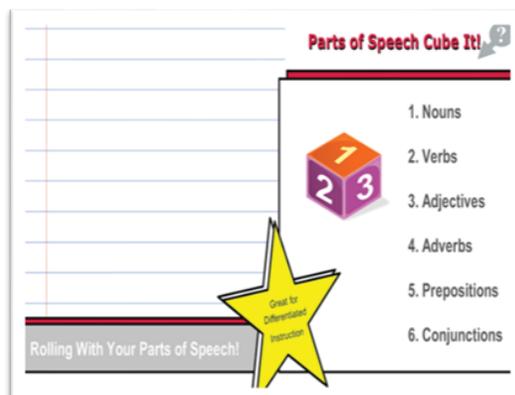
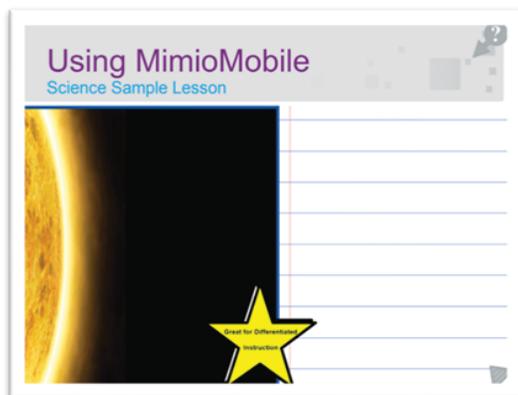
The teacher uses Mimio Mobile in “Quick Collaborate Mode.” Quick Collaborate will work with all sorts of subjects and topics. It is a fantastic tool, which does not require any extra work by the teachers and can typically be used with any form of collaboration they are already doing in class.

In this example, The teacher has broken the class up into three or four ability levels based on previous assessment data. The class is studying the first inauguration of George Washington. They are given additional materials from their teacher to complete their group’s task.

Students with limited ability are asked to use those materials to define key terms needed to understand the topic. They list the terms and definitions in their quick collaborate screen. An average group of students is then asked to write a short response in their collaborate screen summarizing what events they took place from the time GW learned he was going to be president to the time he actually took office (there was a lot of fanfare). Finally, a high level group would be asked to compose a short response within quick collaborate comparing GW’s inauguration with more recent inaugurations. Once each group has completed their part of the assignment, the class as a whole, would discuss all of the information presented and gathered by the different groups within the quick collaborate to gain a deeper understanding of the topic. A similar strategy could be used with various math problems and equations.

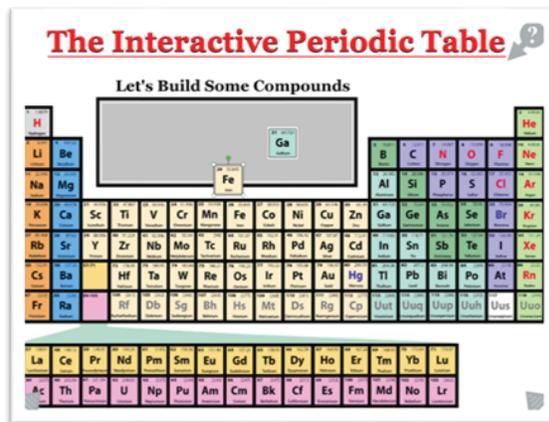
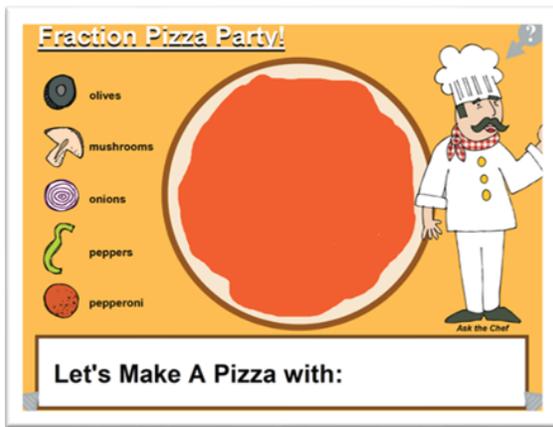
Example #2 | Science & ELA

An activity such as the Solar System lesson attached is another good example. This lesson would be pushed out to the class using Mimio Mobile. Each student or group of students would be asked to randomly pull out a planet from behind the Sun. Once they have selected their planet, they would be asked to write facts or characteristics about that planet using the Mimio Mobile tools. Again what kind of facts/writing prompts could be based on ability level as well. The teacher can assign what they think is most appropriate for each student. This type of lesson provides a “choice” of content, but is also flexible enough to allow for various depths of knowledge. Similar activities would include things like the “Roll it Parts of Speech”. Again the whole class could go over the results once individual work or collaborative work had been completed.



Example #3 | Math & Science

You could also use lessons like the Pizza lesson or the Periodic Table lesson to engage students in a differentiated activity. Using Mimio Mobile, each group could be assigned a different fraction or compounds based on their ability. The teacher knowing their students best would determine how they would engage in the activity and the whole class could go over all of the results at the end of the activity.



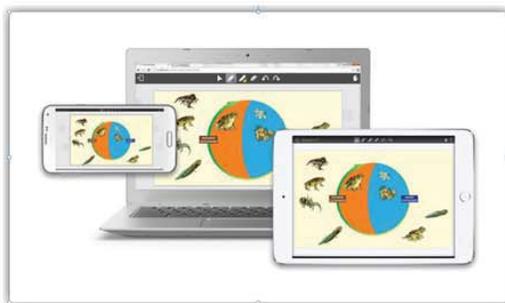
Example #4 | Math & History

Assessment is often the name of the game in differentiation so in this example the teacher uses Mimio Mobile and quick vote as an assessment tool. Students are divided into ability groups and are directed to answer some but not all questions. Each student would be given the question numbers that must complete as the class goes through all of the material. Students in a limited ability group would be asked to answer low-level recall questions. Average students would be asked to answer another set of questions which include both recall and a few higher level questions (i.e. fill in the blanks and short response). Finally students with the highest ability would be asked to answer essay and short answer type questions. Again the teacher would assign the questions for each student based on their ability level. Mimio Studio Gradebook would then also provide data collection for future lesson planning.



Student Devices

Pick a Device, Any Device | MimioMobile allows for group learning and collaboration on almost any device. Chromebooks, Laptops, iPads, Smart Phones, and tablets can be used in any combination for collaborative activities, assessment, or remote control of the panel. MimioMobile allows students to learn at their own pace and helps instructors to teach each student individually. For example, using the built-in Collaborate function in MimioStudio, teachers, with one press of a button, can push an activity that is on the panel, out to every student's device, where they can work on them individually, at their own pace, or collaboratively, in groups.



Device Options

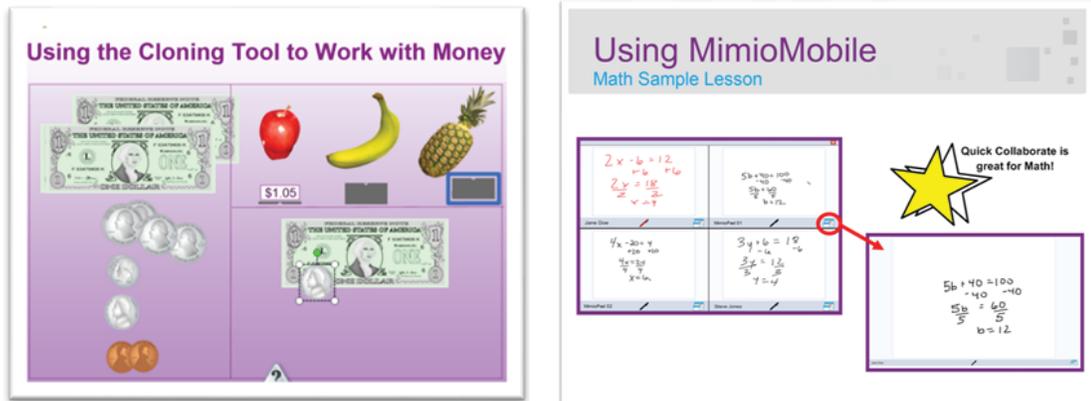
Windows Computer or Laptop
Mac Computer or Laptop
iPad
iPhone
Windows or Android Tablet
Apple, or Android Smart Phone...

Real World Learning | For example, the teacher might choose to start a lesson by displaying the first slide below on the panel at the front of the class. The objective of the lesson is for students to understand there are multiple ways to get to \$1.05 to buy an apple. One way is with a dollar bill and a nickel. After modeling dragging a dollar and a nickel into the work area, the teacher could then “push” the activity to all the students, so they could find a different way to come up with \$1.05. At any time the teacher can display all students work simultaneously, hide all students work, choose to display one student's work, or pick a group (any number will work) of students to display at one time. In the algebra example below, the teacher has chosen to display the work of four students simultaneously.

Real Time Collaboration | Students and teachers can collaborate on student work real time, the student working at their seat, and the teacher working at the board. Both can annotate, move, drag, drop etc.



Real Time Assessment | Having immediate feedback is helpful for both students and teachers. MimioMobile makes administering assessments on the fly as easy pie! Simply activate quick vote, choose your question type, send it out to the students, and you are good to go!



Innovative Instructional Environment

Dynamic Learning | MimioStudio™ classroom software brings dynamic learning to the classroom. It's easy to understand interface allows educators to create interactive lessons, collaborative and team activities, as well as performing real-time formative assessment. MimioStudio Gallery includes extensive resources teachers can incorporate to enhance lesson content in every subject area across all grade levels. The included ActivityWizard offers a built-in knowledge engine to help teachers generate educationally sound and engaging teaching activities in minutes.

Collaborative Creativity | The combined features of MimioStudio software create a collaborative learning environment that encourages creativity and student participation. Using the software teachers can create customized, active and engaging lessons. It lends itself to every instruction methodology including flipped classroom and blended learning. With the information provided by the assessment tools, instructors have what is needed at their disposal to be able to gauge the class's level of comprehension with the lesson material. This allows the teacher to meet individual needs and make adjustments in real time.

Licensing & Availability

Student Home License | **Exceeds Specs** | Students who would like to use the Home edition of MimioStudio Notebook software may download it for free off of Boxlight's website.
<http://news.mimio.boxlight.com/mimiostudio-software-download>

4.5.7 Describe in detail the version, requirements, features, and capabilities of the proposed Classroom Management software. Add space as needed. Also provide manufacturer cut sheets.

Response I MimioStudio has a number of embedded features that assist with classroom management, as outlined below.

1. Proximity Control I Using the “untethering” capability provided by the MimioMobile functionality within MimioStudio, as detailed in Section 4.5.8 allows teachers the flexibility to continue instruction while being in close proximity to students as needed.



2. Student Engagement I Students love engaging in real time collaboration. Teacher’s love MimioMobile’s On-Screen Indicators let teachers know immediately when students have gone off task.



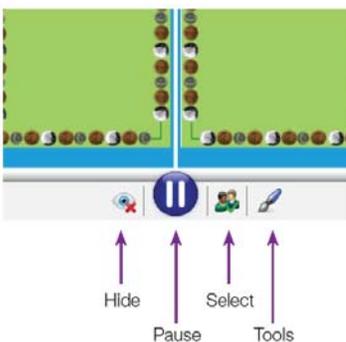
Indicates a student has left the MimioMobile app, but is still connected to the (teacher) computer.



Indicates a student has left the MimioMobile app, and is disconnected from the (teacher) computer.

3. Focusing Tools I The MimioStudio Collaborative Tool bar contains a variety of tools that help focus student attention. All are available at the touch of a button! For example, when the teacher hits the “Pause” button, it freezes student’s screens, helping them to focus on the teacher.

MimioStudio Collaborate Toolbar



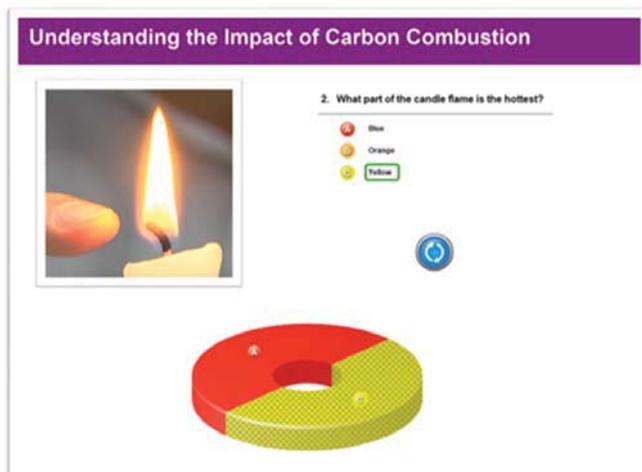
Hide - Hides student activities on front-of-room display, while students continue to work on their devices.

Pause - Pauses the activity on the front of the room display and on all devices.

Select - Allows the teacher to select a single student or multiple students work to be displayed on the front-of-room display.

Tools - Opens and Closes the MimioStudio toolbar.

4. Data Driven Instruction | MimioStudio's integrated Collaborative and Assessment features provide teachers with real time data that helps drive effective instruction. Because they can instantly gauge the student's level of understanding, they no longer need to "guess" whether they should continue pursuing a concept, or whether it is time to move on.



Instant Information | In addition, MimioStudio's Gradebook provides a wealth of information "at a glance." Making it easy for teachers to identify the precise areas individual students need assistance. For instance, a quick glance at the Gradebook data below indicates the majority of the students are grasping the content. In seconds a teacher can see that Jon Joeckel missed 2 out of 3 questions.

Last Name	First Name	Attendance	Assess	Q1	Q2	Q3
Aragon	Trista	Present	52.0/60.0 (86.7%)	●	●	●
Bermudez	Stirling	Present	52.0/60.0 (86.7%)	●	●	●
Dugan	Rachel	Present	54.0/60.0 (90.0%)	●	●	●
Duncan	Julie	Present	48.0/60.0 (80.0%)	●	●	●
Erwin	Cody	Present	49.0/60.0 (81.7%)	●	●	●
Franklin	Steve	Present	48.0/60.0 (80.0%)	●	●	●
Gouge	Joe	Present	45.0/60.0 (75.0%)	●	●	●
Hezen	Tony	Present	51.0/60.0 (85.0%)	●	●	●
Hochstein	Craig	Present	53.0/60.0 (88.3%)	●	●	●
Hoetmer	Elizabeth	Present	56.0/60.0 (93.3%)	●	●	●
Horth	Madolynn	Present	48.0/60.0 (80.0%)	●	●	●
Joeckel	Jon	Present	43.0/60.0 (71.7%)	●	●	●
Loesch	Sydney	Present	45.0/60.0 (75.0%)	●	●	●
Ortiz	Sandy	Present	37.0/60.0 (61.7%)	●	●	●
Premier	Jake	Present	49.0/60.0 (81.7%)	●	●	●
Slous	Pam	Present	43.0/60.0 (71.7%)	●	●	●
Stuewe	Bethany	Present	53.0/60.0 (88.3%)	●	●	●
Tyndall	Kaitlyn	Present	56.0/60.0 (93.3%)	●	●	●
Class Average			49.0/60.0 (81.7%)	7/18	15/18	16/18

Cut Sheets | Cut Sheets are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

4.5.8 Describe in detail the make, model, OS/device compatibility, architecture, features, and capabilities of the proposed **Wireless Audio and Video (for untethering of teachers)** solution. Does it have a separate Enterprise Management program? Add space as needed. Also provide manufacturer cut sheets.

Response I MimioStudio makes it easy to “untether” teachers from the front of the classroom. Following the simple 3 Step Process outlined below, a teacher can quickly and easily exercise complete control of the panel from anywhere in the room using a wireless device such as an iPad, Android tablet or MimioPad. This functionality is built into the MimioStudio software, providing seamless access with a familiar interface.

Easy as 1, 2, 3!

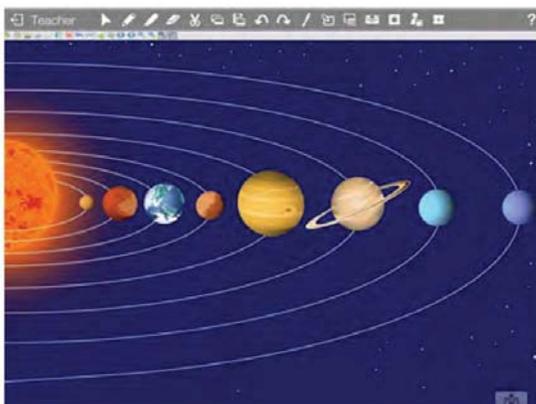
Step 1

In the MimioStudio™ classroom software on the computer, click on “Tools” > “Settings”> “Mobile.”
Mac: Notebook > “Preferences” > “Mobile”



Step 3

The MimioMobile app now has full control of your computer.



Allowing the teacher to fully control the board from anywhere in the room.

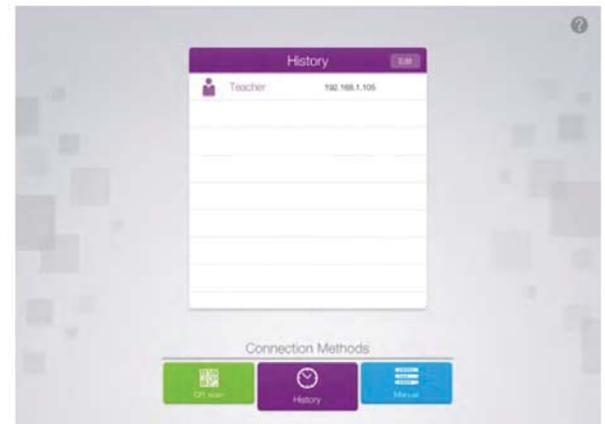
Step 2

In the MimioMobile™ app on the teacher’s mobile device,* the teacher should tap on the large QR code image and then point and align his or her mobile device camera at the QR code projected on the whiteboard or computer monitor.



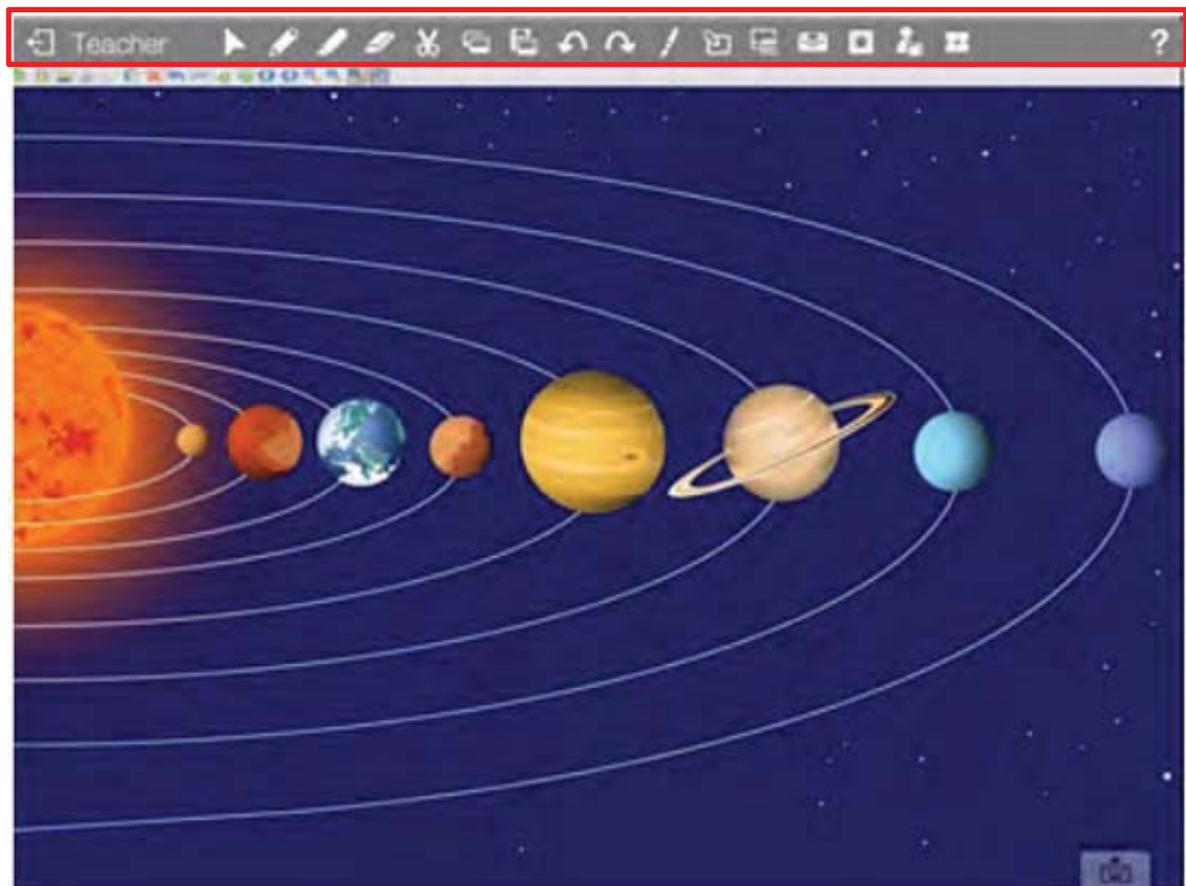
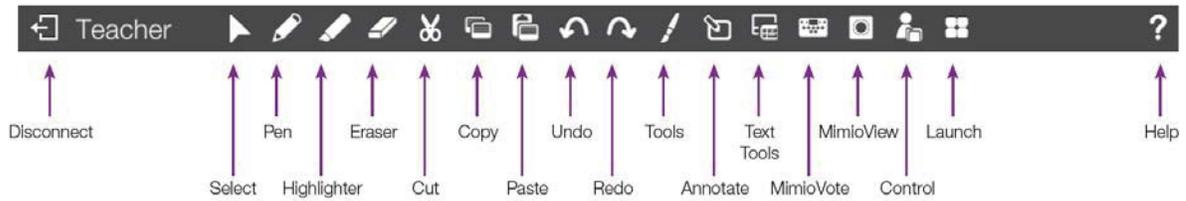
If you’ve previously connected

Tap on the “History” tab and choose recent Teacher connection



Shortcuts | To make it easier for teachers to navigate the panel remotely shortcuts are provided at the top of the mobile device. Teachers also still have the option of using MimioStudio's standard drop down floating toolbar. An explanation of the shortcuts pasted below.

Teacher Control



Supported Devices | iPad 2 and higher, iPad mini, iPod Touch (4th generation and higher), iPhone (4 and higher), and Android 3.0(Honeycomb) or higher phone and tablets

Notes | Use of MimioPad™ tablets and/or devices with the MimioMobile app requires MimioStudio 11 software or higher. All mobile devices must be connected to the same Wi-Fi network as the teacher's computer.

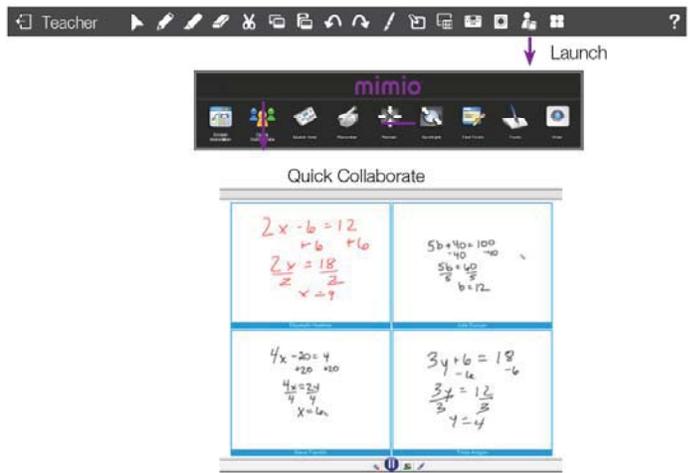
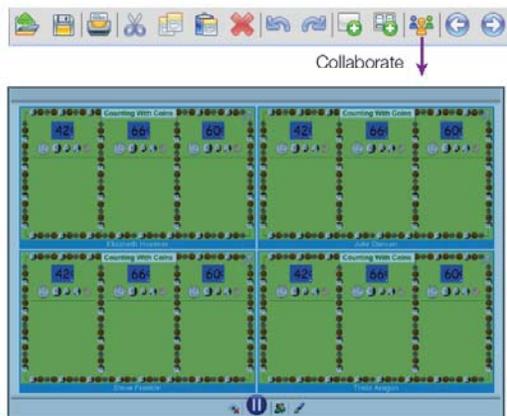
Wire Free Collaborative Classroom I The MimioMobile functionality within MimioStudio allows teachers and students to simultaneously engage wirelessly real time from anywhere in the room. Examples of pre-pared and “on-the-fly” activities pasted below.

Collaborate

Up to fifty mobile devices, MimioPad tablets, or a combination of both can be connected at once. Teachers can have a single student or the entire class work on the same activity, pause student sessions, share them in any combination on the front-of-the-class display, or hide all the sessions. For on-the-fly collaboration opportunities, you can use the Quick Collaborate feature from the Launch menu to work on blank Notebook pages.

Accessing Collaborate and Quick Collaborate

The Collaborate feature can be accessed within the MimioStudio software on the top toolbar.

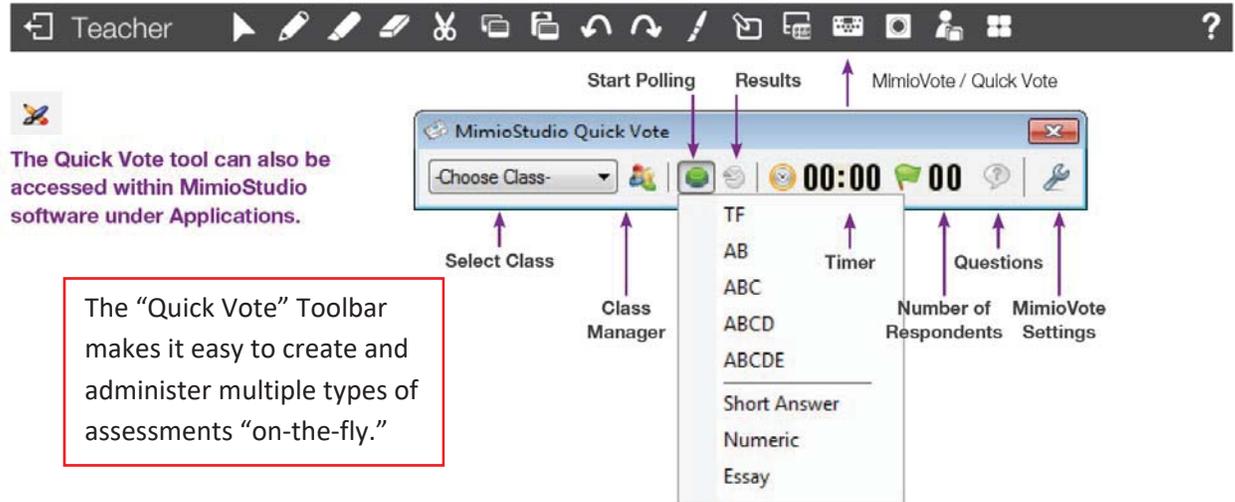


Wire Free Real Time Assessment I Likewise, the MimioMobile functionality within MimioStudio allows teachers to assess students wirelessly in real time from anywhere in the room. Examples of how to launch pre-pared and “on-the-fly” assessments pasted below.

Assessment

You can get real-time assessment with the MimioStudio Quick Vote feature using mobile devices with the MimioMobile app, the MimioVote™ assessment, or a combination of both. When using mobile devices with the MimioMobile app, you have the following open-response assessment options: short answer, essay, and numeric questions.

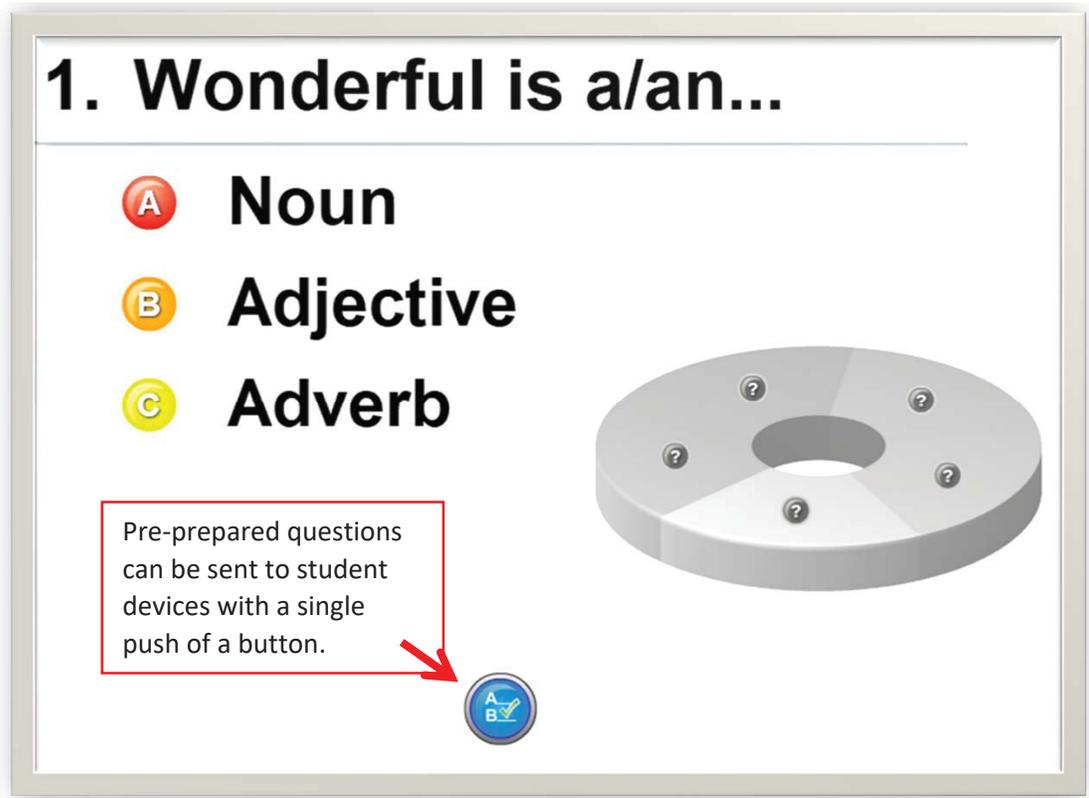
Teacher-Led and Self-Paced Assessment modes are available using the standard MimioVote toolbar at the bottom of the screen. Note that the toolbar must first be enabled.



The screenshot shows the MimioStudio Quick Vote toolbar. At the top, there is a 'Teacher' label and a series of icons for various functions. Below this is the 'MimioStudio Quick Vote' window, which includes a 'Choose Class' dropdown menu, a 'Class Manager' icon, a 'Start Polling' button, a 'Results' button, a 'Timer' (00:00), a 'Number of Respondents' (00), a 'Questions' icon, and a 'MimioVote / Quick Vote' icon. A dropdown menu is open, showing options: TF, AB, ABC, ABCD, ABCDE, Short Answer, Numeric, and Essay. Annotations with arrows point to these elements: 'Select Class' points to the dropdown, 'Class Manager' points to the icon, 'Start Polling' points to the button, 'Results' points to the button, 'Timer' points to the timer, 'Number of Respondents' points to the counter, 'Questions' points to the icon, and 'MimioVote / Quick Vote' points to the icon.

The Quick Vote tool can also be accessed within MimioStudio software under Applications.

The "Quick Vote" Toolbar makes it easy to create and administer multiple types of assessments "on-the-fly."



1. Wonderful is a/an...

- A Noun
- B Adjective
- C Adverb

Pre-prepared questions can be sent to student devices with a single push of a button.



Cut Sheets | Cut Sheets for MimioStudio and MimioMobile are included behind Tab 6 | Technical Info & Cut Sheets, in Section 4.0.1.7.

Upon establishing the network map, desires of the district, Boxlight's Remote Management Administrator software will be put on the host machines, paired with their IP address (static preferred), and through a basic seek function, the devices will be added to the administrator software.

A visible link will be established with the device or group's established.

Testing | A peer to peer test will be completed upon installation and link of all the assigned devices by cycling Power ON/Power OFF, input change, and current software "apk" pushed to individual panels. Boxlight's installation partner will work with Beaufort to establish groups and reporting metrics according to network infrastructure and Beaufort's desired Remote Management outcomes.

Training | Additionally, Boxlight agrees to provide two 4-hour supplemental training sessions on the Remote Management software to allow Administrators to self-manage their activities, usage reporting, and bulletin broadcasting.



View Inputs, power status, and usage. Send bulletins across your network to groups or all devices connected.

4.5.10 Explain in detail the proposed **warranty** for HD Flat Panels, mounts and carts, PC Option, and implementation labor. Add space as needed.

Response | We are offering a 5 year warranty for all products. Ninety day warranty for labor. Cost for labor for warranty replacement of panels, carts, etc. is included.

Boxlight Limited Warranty

1. **WHAT IS COVERED BY THIS LIMITED WARRANTY.**

Boxlight Corporation (“Boxlight”), 1045 Progress Circle, Lawrenceville, GA 30043, makes the following limited warranty to the original buyer (other than for resale) (“you”), subject to the Exclusion From Coverage in Section 5. Boxlight warrants to you that if you purchase a product listed in the preceding Chart (“Product”), that, under normal use and service: (1) the tangible aspects of the Product are free from material defects in materials and workmanship as of your purchase date; and (2) the Product will operate in substantial conformance with the written specifications provided by Boxlight for the Warranty Period (as defined below). This Limited Warranty is not transferable from you to anyone else, including subsequent owners, and there are no third party beneficiaries of this Limited Warranty.

2. **WARRANTY PERIOD (DURATION OF LIMITED WARRANTY).**

The Limited Warranty starts on your purchase date and lasts for the length of time listed in the Chart for your Product (“Warranty Period”).

3. **YOUR EXCLUSIVE REMEDY.**

If you return the Product to Boxlight during the Warranty Period in conformance with No. 5 of this Limited Warranty, Boxlight will, at its option and as your exclusive remedy for Boxlight’s breach of this Limited Warranty and any (if any) implied warranties:

- Repair or replace all or part of the defective Product; or
- Refund the purchase price you actually paid, less shipping and handling charges, less reasonable depreciation based on actual use;

Repair and replacement may be made with new, still-serviceable used or refurbished materials comparable in function and performance to the original and may include third party items.

The above limited remedies are your sole and exclusive remedy for breach of this Limited Warranty to the extent allowed by law. Any Product that has been repaired or replaced under this Limited Warranty will be covered under this Limited Warranty only for the remaining Warranty Period of the original Product. Although Boxlight will provide one of the above remedies, it does not provide any other warranties for any repair or replacement and disclaims all duties (if any) of workmanlike effort or of lack of negligence.

4. **PROCESS FOR FILING A CLAIM UNDER THIS LIMITED WARRANTY**

If you are entitled to make a claim under this Limited Warranty, you must: (a) notify Boxlight of the claim and provide a description of the alleged breach by visiting <http://mimio.boxlight.com/boxlight-support-overview> or calling 866-972-1549 during the Warranty Period, and (b) after receiving shipping instructions from Boxlight support, return the Product with the original packaging and all in-box components and accessories and a copy of the original purchase bill of sale, receipt, or invoice that includes the dealer’s name, product name, serial number, and ship date along with a written explanation of the problem. A Return Material Authorization (RMA) number, issued by the Boxlight customer service department, must be clearly displayed on the outside of the shipping package containing the Product, or the shipment will be refused. The Product must be returned to Boxlight at your sole cost and expense unless otherwise specified by Boxlight. You assume all risk of loss or damage of the Product during return shipment. A restocking fee may apply if the Product is not returned with original packaging and all in-box accessories.

Boxlight has no obligations with respect to any returned Product if the returned Product is not covered by this Limited Warranty or you did not meet its requirements (e.g., an exclusion applies or the claim process was not properly followed, etc.). Boxlight will make its determination in good faith but its decision does not override legal rights (e.g., you may pursue relevant legal remedies). If Boxlight determines the Product is not covered by this Limited Warranty, it will inform you of the reason for non-coverage, provide you with an estimate for repairing the Product at your expense, and give you the option of either having Boxlight return the Product to you, repair the Product, or dispose of the Product at your expense. If the returned Product is covered by this Limited Warranty, Boxlight will be responsible for all shipping charges for the return of any repaired or replacement Product.

Warranty service will be performed within 20 days after receiving the Product.

5. EXCLUSIONS FROM COVERAGE; ACTIONS THAT MAY VOID THE WARRANTY

This Limited Warranty does not cover and Boxlight has no liability under it for aesthetic or subjective aspects of the Product or for any of the following (each an “Ineligible Claim”):

- (a) Products marked as “sample” or “Not for Sale” or sold “AS IS”;
- (b) consumable parts (including lamps and batteries) and any replacement parts that are not provided by Boxlight (except for those items specifically listed in the Chart),
- (c) Products or information that have been subject to modification, alteration, tampering (including with Product information such as serial numbers), or improper installation, maintenance, repairs (including acts taken by an unauthorized repair center that cause or contribute to any defect or damage);
- (d) any hardware not provided in the box with the Product;
- (e) any software, except for software in the Product or provided by Boxlight that is necessary for the operation of the Product;
- (f) ordinary use, ordinary wear, or cosmetic damage, including scratches, dings, dents, and broken plastic on ports;
- (g) any damage caused by:
 - (i) abuse, neglect, or improper use, handling, storage, installation, or testing, including any use that is not in accordance with the product manual, documentation, or other instructions provided with the Product,
 - (ii) breakdowns, fluctuations, or interruptions in electric power or any telecommunications network;
 - (iii) heat, humidity, moisture, or ordinary operation temperatures (i.e., [0°~45°]); or
 - (iv) accidents or Acts of God, including fire, lightning, flood, tornado, earthquake, or hurricane; or
- (h) any use for commercial purposes (including rental or lease) or
- (i) damage caused by or relating to programs, data, viruses, or files, or during shipment or transmissions.

6. LIMITATION ON DURATION OF ANY IMPLIED WARRANTIES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BOXLIGHT LIMITS THE DURATION OF ANY, IF ANY, APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY AS SET FORTH IN SECTION 2 (I.E., TO THE WARRANTY PERIOD).

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

7. NO OTHER WARRANTIES

This Limited Warranty is the only express warranty made to you and is provided in lieu of any other express warranties (if any) created by anything else, including (without limitation) documentation or packaging. No oral or other information or suggestions given by Boxlight, its agents, affiliates, resellers or its or their employees or agents will create a warranty or condition or expand the scope of this Limited Warranty.

EXCEPT FOR THE LIMITED WARRANTY STATED IN THIS DOCUMENT AND ANY IMPLIED WARRANTIES AS LIMITED ABOVE, BOXLIGHT DISCLAIMS ALL OTHER WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING ANY (IF ANY) EXPRESS AND STATUTORY WARRANTIES AND CONDITIONS.

8. EXCLUSION OF CERTAIN OF DAMAGES

YOU AGREE THAT IN NO EVENT WILL BOXLIGHT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, PUNITIVE, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES TO OR FOR LOSS OF DATA, SECURITY, REVENUE, PROFITS, OR PROPERTY (INCLUDING BUILDINGS, WIRING, FIXTURES, DEVICES, COMPUTERS, PERIPHERALS, AND ANIMALS) OR FOR PERSONAL INJURY OR DEATH, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR ANY PRODUCT.

SOME PRODUCTS MAY CAUSE SERIOUS HARM WHEN USED IMPROPERLY. DO NOT LOOK DIRECTLY INTO A PROJECTOR LAMP OR LASER POINTER OR DIRECT THESE OBJECTS IN A WAY THAT MAY RESULT IN ANOTHER PERSON INADVERTENTLY BEING EXPOSED TO DIRECT LIGHT OR BECOMING DISTRACTED IN A WAY THAT MAY CAUSE HARM TO THEMSELVES OR OTHERS. PRODUCTS SHOULD ONLY BE USED IN A SAFE ENVIRONMENT FREE FROM ANY POTENTIAL SAFETY HAZARDS, AND IN COMPLIANCE WITH ANY SAFETY WARNINGS AND INSTRUCTIONS PROVIDED BY BOXLIGHT. BOXLIGHT WILL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF YOUR IMPROPER OR UNSAFE USE OF THE PRODUCTS.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

9. LIMITATION OF LIABILITY

YOU AGREE THAT BOXLIGHT’S TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY AND THE PRODUCT SHALL NOT EXCEED THE LESSER OF THE (A) DAMAGES ACTUALLY INCURRED BY YOU IN REASONABLE RELIANCE, OR (B) AMOUNT ACTUALLY PAID BY YOU FOR THE PRODUCT.

SOME STATES DO NOT ALLOW THE LIMITATION OF DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

10. INDEPENDENT REMEDIES.

The disclaimers of warranties and the exclusions and limitations of damages in this Limited Warranty, including but not limited to those in Sections 6, 7, 8, and 9, are independent and shall survive even if any remedy fails of its essential purpose or is otherwise deemed unenforceable. Each of the disclaimers, exclusions and limitations in Sections 6, 7, 8, and 9 shall apply without regard to whether loss, liability, or damage arise from (a) breach of contract, (b) breach of warranty, (c) fault or tort, including negligence and misrepresentation, (d) strict liability, or (e) any other cause of action, to the extent the disclaimer, exclusion or limitation is not prohibited by applicable law.

11. YOUR RIGHTS AND THIS LIMITED WARRANTY

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary from state to state. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights you should refer to the laws applicable in your jurisdiction.

----- END -----

Subject to change without notice.

4.6 SYSTEM TESTING PROCEDURES

4.6.1 Please explain your testing procedures after install for components specified in this RFP. Specifically, the following: HD Flat Touch Panel, PC Option, mounts, software, and Enterprise Management.

Vendor Testing Procedures | District Level

The items in this section are best tested at the district level. Auto Shutdown would be difficult to test efficiently nightly on a per classroom basis. The other 3 items relate to the MimioStudio software which will operate in a consistent fashion in every classroom. Consequently the most efficient and effective way to test these items is at the District Level.

Auto Shutdown | Enterprise Management | 3.13.2.5 | Once the Boxlight ProColor Remote Management and Reporting Software has been installed and configured, as outlined in Section 4.5.9 of the Section 4.1 Response Form, the system is ready for testing. The test can select a single school, a group of schools, or all schools for automated shutdown. After the scheduled shutdown time, the effectiveness can be tested two ways: 1) by looking at the status reported in the Remote Management Software, and 2) by visually verifying, classroom by classroom at the school level.

ActivInspire Flipchart Import | 3.13.2.7

Background

Boxlight recognizes the extreme importance of protecting the legacy content our school partners have developed over many years. The need to protect this content and maintain its usefulness caused us to launch an intense and ongoing program to develop and maintain the ability for users to open, use and enhance content created in 3rd party applications without going through a time consuming import or conversion process.

We recognize the importance of maintaining the fidelity of the original content as much as possible, ensuring the individual objects of the source file are maintained as such – individual, editable, reusable, objects.

The Technology Challenge

Opening any file type in a different application is the technical equivalent of language translation. This is a complicated process that changes over time as technology changes. Consequently, Boxlight treats this important capability as an ongoing activity, maintaining a team who keeps track of the latest developments in file formats and generates new versions of our software as needed. When a file is discovered that doesn't "translate" well, it is forwarded to the Boxlight team for analysis, diagnosis, and development to further enhance the MimioStudio software.

Test and Verification Process

Step 1 | Preparation

Participants | Determine which departments/users will participate in the test.

Content Samples | Gather from those users a wide range of sample of content

Notes | Newer content is generally best because it typically uses the features in the most recent version of the original software

Content should include a wide range of elements: a variety of fonts and font sizes, images pasted in from various formats (jpg, png, etc.), embedded audio, embedded audio/video, interactive content, assessment content

Select from this content a sub-set that contains suitable breadth

Develop a checklist to document each page's key attributes

le: object formatting (font, font size, bold/italic/underline)

object position, assessment function, and so forth

Step 2 | Testing

Equipment Setup | Have both the original source software and Boxlight's MimioStudio loaded on the same computer. Ideally, a computer equipped with dual monitors to enable easy side-by-side comparison.

Process | Advance through the content one page at a time, doing a side by side comparison of each page, comparing the layout and functionality in the native software to MimioStudio. As mentioned above, ideally with one on the left-monitor and the other on the right monitor.

Documentation | Step through the key attributes listed above and grade each using a four-point scale. For any attribute judged in the lower two regions add a clear and specific comment as to the shortfall. Take a screen-shot to capture the images and annotate the specific shortcoming.

Step 3 | Submit to Boxlight

Submit to Boxlight | Submit the original source files along with the evaluation report, including annotated screen shots, to Boxlight.

Step 4 | Remediation

Review & Revise | Boxlight's development team typically provides an initial assessment of the observed issues including their cause and draft remediation solution, within 7-10 business days. Any revision to the MimioStudio software will be provided as soon as possible, typically 1-3 weeks depending on the complexity of issues reported .

Step 5 | Evaluation

Repeat | Upon receipt of the revised software repeat the above testing process for the identified slides.

Step 6 | Ongoing

Report | Whenever import quality issues are found they should be reported through Boxlight Tech Support where they will be passed to the software team for analysis and remediation.

Classroom Management Features | 3.13.2.10

Introduction

Managing the classroom remains one of the most important responsibilities, and challenges, for any teacher. MimioStudio provides a wealth of tools facilitate this important and ongoing task.

Tools Overview

Proximity Control

- **Remote Control |** Wireless client devices such as an iPad or Android tablet can be used to remotely control content and applications on the panel, freeing the teacher to roam the classroom without interrupting the lesson.
- **Freedom to Roam |** The freedom to roam allows the teacher to be among the students, a strong classroom management feature on its own.
- **Improved Behavior |** Teachers can walk directly to any student that is presenting behavioral or engagement issues.
- **Increased Engagement |** Teachers can immediately engage the student by handing them the client device, allowing them to lead that portion of the lesson.

Student Engagement

- **Interactivity |** The collaboration features of MimioMobile provide a rich set of assessment, collaboration and interactivity capabilities, each of which drive high levels of student engagement in individual or group activities.
- **Immediate Feedback |** MimioStudio's built-in real time assessment capabilities provide students with instant feedback, keeping them engaged in the learning process.
- **Collaborative Learning |** MimioStudio allows up to 50 students to collaborate simultaneously using iPads, Chromebooks, Smart phones, tablets or computers. In the example shown at right, multiple individual devices are being used simultaneously in a sorting activity. Collaborative hands on learning drives high levels of engagement.
- **Learning Groups |** MimioMobile allows groups of students to work together on a shared device. The work of all groups or any combination of, group(s) can be displayed at the front of the classroom, allowing all teachers and students to collaborate simultaneously in real time.
- **Notifications |** In addition, MimioMobile provides direct alerts to the teacher if the student closes the MimioMobile app on his or her Client device or disconnects, whether intentionally or accidentally.



Figure 1 - Multiple-Choice Assessment as Shown on a Hand-Held Device

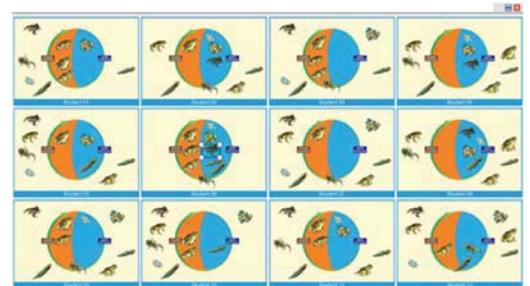


Figure 2 - MimioMobile Showing Multiple Students Using a Drag-and-Drop Sorting Activity

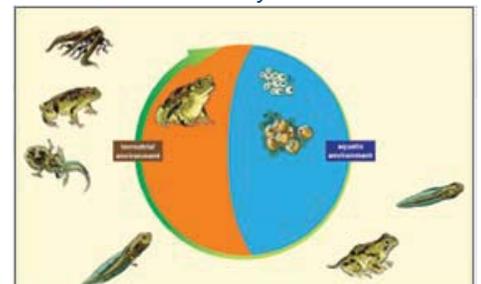


Figure 3 - Sorting Activity as Displayed on a Single Hand-Held Device

- **Focus Tools** | MimioStudio tools such as “spotlight” and “reveal” help students focus on relevant content, keeping them engaged with the lesson.

Time on Task

- **Real Time Notification** | MimioMobile’s collaboration feature notifies the teacher when a student goes off task, allowing the teacher to refocus the student.

Instructional Pacing

- **Assessment for Learning** | MimioStudio’s integrated “Continuous Assessment” capabilities provide immediate feedback for both teachers and students, providing valuable data to make real time decisions on content, pacing and re-teaching. Gone are the days of finding out “after the fact” that students didn’t understand a particular concept. Class level information is provided “at a glance,” while detailed information for each student is automatically stored in the Gradebook for later review.
- **Differentiated Instruction** | Assessment data helps identify student’s specific needs quickly, allowing for early interventions.



Figure 4 - MimioMobile Showing One Student Off-Line

Focus Tools

- **Embedded Multi-Media** | Drawing attention to the front of the class is aided by embedding images, animations, audio, and video unto the MimioStudio pages.
- **Reveal & Spotlight Tools** | Attention can further be focused into specific screen areas using the Spotlight and Reveal tools of MimioStudio.

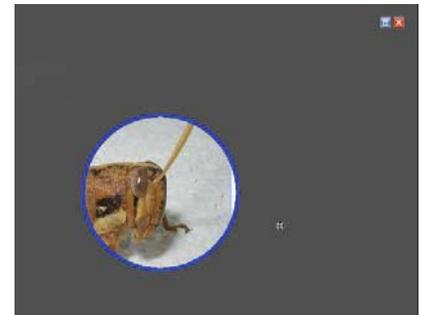


Figure 5 - Spotlight Tool Focusing on Part of the Image of a Grasshopper

Time Management

- **Built In Timer** | MimioStudio includes a built-in timer that can be used to structure and focus assessment times, group work occasions, and even quiet study times.
- **Incentive Rewards** | The MimioStudio timer can also be used to drive specific behaviors by, for example, promising reduced homework in return for N solid minutes of quiet study and/or group work

Testing Procedures

Proximity Control | Ensure Teacher Control Set Up and Working Correctly

Step 1

In the MimioStudio™ classroom software on the computer, click on "Tools" > "Settings"> "Mobile."
Mac: Notebook > "Preferences" > "Mobile"



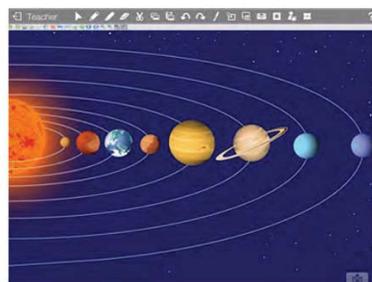
Step 2

In the MimioMobile™ app on the teacher's mobile device,* the teacher should tap on the large QR code image and then point and align his or her mobile device camera at the QR code projected on the whiteboard or computer monitor.



Step 3

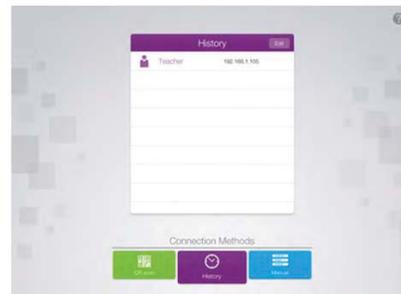
The MimioMobile app now has full control of your computer.



Allowing the teacher to fully control the board from anywhere in the room.

If you've previously connected

Tap on the "History" tab and choose recent Teacher connection



Collaboration Tools

Collaboration

Collaboration | Up to 50 Concurrent | Spontaneous or Prepared Activity

Real Time Collaboration | Allows All Students to Individually Work on An Activity

Simultaneously On Their Mobile Device | Allows Teacher and Student to Collaborate Real Time

Teacher | Launch | Open MimioStudio Notebook to Activity Page | Click Collaborate Icon

Teacher | Hide | Click Hide Icon

Teacher | Show a Single Student's Display | Double Click the Bar Containing Their Name

Teacher | Select Students for Simultaneous Display | Click Selection Icon  **| Click Check Box for Desired Student(s) (1-49)** **| Click Green Check Icon at Bottom of Screen** 

Teacher | Return to Showing All Students | Click Home Icon 

Students | Use Tools To Complete Activity

Quick Collaborate | Up to 50 Concurrent | Sends Blank Workspace to Students

Teacher | Launch | Open MimioStudio Notebook | Click Application Icon  **| Click Quick Collaborate**

Students | Use Tools To Complete Activity

Assessment Tools

Prepared Assessments

Creating Prepared Assessments

Teacher | Insert New Page | Click Gallery Icon  | Select Questions & Results | Open Questions & Results | Drag Desired Template To Page | Enter Question | If Multiple Choice, Enter Answers | Select Correct Answer, If Appropriate | Select Null If Opinion Question  

Launching Prepared Assessments

Teacher | Click Arrow  to Begin Assessment | Click Red Button  to Stop Assessment | If you have preselected a correct answer, it will display. | Click Results Icon  | Click Question Results to See Class Results

Answering Prepared Assessments

Student | Use Tools to Complete Activity | Click Submit

Note | Students On Smartphones may need to scroll down to see Submit button.

Viewing Individual Responses to Prepared Assessments

Teacher | Open MimioStudio Gradebook | Select Class From Drop Down | Select Date from Drop Down Icon | Select Test From Drop Down

Spontaneous Assessments

QuickVote

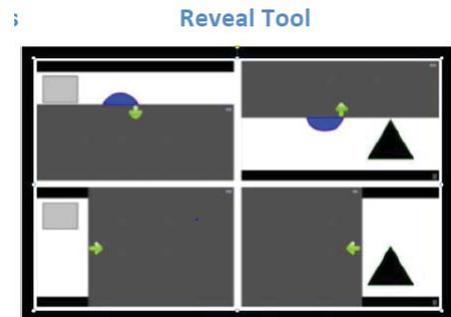
Teacher | Launch | Open MimioStudio Notebook | Click Application Icon  | Click Quick Vote | Select Question Type | Click Green Button to Launch  | Click Red Button to Stop  | Select Correct Answer | Click Results Button  to See Class Results

Student | Use Tools to Complete Activity | Click Submit (May need to scroll down on a Smart Phone to find submit button.)

Focus Tools

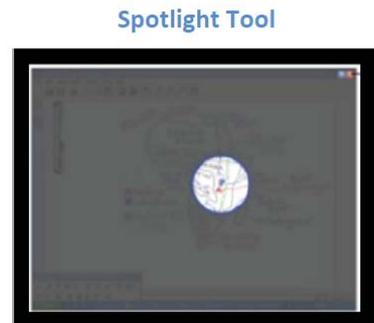
Reveal Tool

1. Activate Reveal Tool from Drop Down Menu.
2. Test Top Down Reveal
3. Test Left-Right Reveal
4. Test Right-Left Reveal
5. Test Bottom Up Reveal
6. Test Changing Transparency



Spotlight Tool

1. Activate Spotlight Tool from Drop Down Menu.
2. Test Moving It Around on the Page
3. Test Changing Its Size
4. Test Changing Its Shape
6. Test Changing Transparency



Timer

1. Set Timer
2. Start Timer
3. See If Sound Plays At "Time"

Untethering Features | 3.13.2.9

Test and verification of Untethered Operation using MimioMobile

Every copy of MimioStudio includes a three-device license for MimioMobile, it connects with the Client Devices over the school's Wi-Fi. Operation is very similar to that when using MimioPad with the added benefit of an onboard video display and touch interactivity.

The following devices run native code, an app, when using MimioMobile: Apple iPad, Android tablets, iOS and Android mobile phones. Devices running MacOS, Windows and Linux [participate in MimioMobile through Google Chrome, Internet Explorer 11 and higher, and Microsoft Edge. MimioMobile can operate with any mix of approved devices and modes.

Setting up a Client Device to work as a remote control is very fast and easy. The details, including having MimioStudio installed on the Teacher Computer and on the Client Device(s), are covered in the online User Guides and so will not be addressed here.

Once setup is completed, the following is a strong test process:

- Be sure MimioStudio is running on the Teacher Computer and that it and all Client Devices are actively connected to the school's Wi-Fi².
- Following instructions in the MimioMobile User Guide connect one Client Device as the Teacher³.
- Using a finger, or suitable pointing device, on the Tablet Client Device, choose the pen tool from the MimioStudio Toolbar – then draw on the Tablet Client Device – the drawn lines will be visible on MimioStudio on the Teacher Computer.
- Again using a finger or suitable pointing device, click the “minimize” icon in the upper left corner of MimioStudio and display the Teacher Computer desktop.
- Use MimioMobile to select and launch any app on the Teacher Computer – the app will launch.
- Those two tests are sufficient to verify that the MimioMobile Client Device is working properly.

Note – as mentioned above, proper network configuration is essential. If the Client Devices cannot “talk to” the Teacher Computer MimioMobile will not be able to operate.

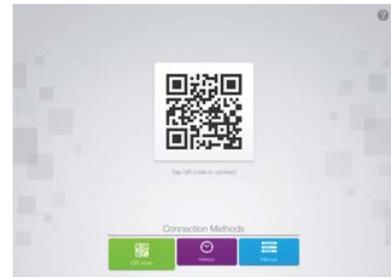


Figure 4 - MimioMobile Client Device Connect UI

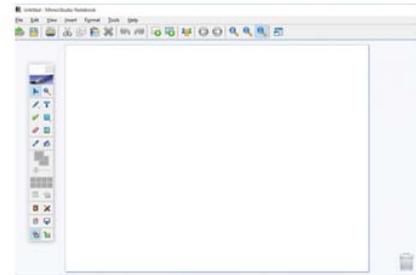


Figure 5 - MimioStudio UI as Shown on Tablet Client Device

Vendor Testing Procedures | Classroom Level

Flat Panel Screen | Max. # Touch Points | Touch Response | 3.13.2.1

Panel Testing

Panels are tested after Network cabling is connected to the Panel and the Network Javk and OPS is installed in the panel.

A. Power | The Panel Should come up with the District Image on the OPS automatically

B. Image | Type in the User Name and Password supplied by the District

C. Network | From OPS, Bring up Browser and connect to Youtube.com
Network thru Android Interface
Select Android and select the Globe and type in Youtube.com

D. Touch Points | After we are signed in to the Panel we will bring up MimioStudio and use the Pen feature—write the School Name at the Top

Next Line is the Room Number

Next Line is Serial Number

Next Line we will take both hands all 10 Fingers and touch and drag down the Screen to show that we have 10 points of Touch

Documentation | We Document every Room Install with:

1. Picture of the MimioStudio Screen Showing the School Name -Room Number –Serial Number and 10 points of touch.
2. Picture of Serial number badge next to an Asset Tag.
3. Picture of Document Camera Serial Badge next to an Asset Tag.
4. Picture of OPS serial Number Badge next to an Asset Tag.

All of the Pictures are to be Stored in a Subdirectory with the District Name Under that Is a School Name

Under that are Room Numbers and School information

All of the Pics and Info are stored on the Cloud in Box.com Folders that can be shared with everyone on the Project.

Adjustable Mounts & Table Modes | 3.13.2.2

If an Adjustable Mount is Installed with the Panel, test it by plugging the power cord to the wall and find the UP and Down button on the right or left side of the frame. Press the upper part of the switch will raise the Panel. The lower part of the switch will lower the Panel. Raise the Panel to its highest point and lower it to its lowest point.

BCSD Local Network Access | 3.13.2.3

Local Network access requires us to change the Computer Name to same namingconvention that BCSD requires. In other Installs we will use the 1st 2 digits where the School name the 2nd 2 digits where number that indicate that it was a PC Module on a Panel and the other 6 digits where from the Serial Number of the PC Module. If the Network is up and the Name works we will be able to access the Local Lan.

Internet Access | Android & PC | 3.13.2.4

Network from PC Module—Bring up Browser and connect to Google.com

Network thru Android Interface---Select Android and select the Globe and type in Google.com. and connect to Google

Sound to In Room System | 3.13.2.5

Sound | We are using existing Speakers and Amp with 3.5 cable

- A. We will be testing the existing Speakers and Amp and Cabling by connecting a iPhone via a 3.5 connection and play music thru speakers amp and Cables.
- B. Panel sound is Tested after the Panel is Installed and we sign on using the User Name and Password issued to me from the District- Bring up the Internet and Connect to You Tube and Play some music after connecting the 3.5 cable from the Amp to Audio Out from the Panel .

Interactivity | 3.13.2.8

Interactivity is tested on the Panel By Powering on the Panel and Coming to the District User Name and Password- Only use the Panels on board Key board and Type in the User Name and Password Hit enter and The Windows 10 Screen Should appear.Then Go to the MimioStudio Icon and Go to the Pen function and Write the School Name on Top of White screen and Room Number and Serial Number of Panel Below that. Next go 2 lines down and take both hands all 10 fingers and drag down the Panel. You Should have 10 lines down the screen.

Power | 3.13.2

Power is tested by plugging in the power cord to the Panel, and pushing up the rocker switch in the back of the Panel. The red Light on the front power button should turn on. Next press the red power button. It should turn green and start the firmware boot process which will look for the PC Module if it is installed on the Panel. The District Logon Screen will appear if an image was supplied by the District

4.7 SUPPORT PROCEDURES

4.7.1 Describe your support procedures during warranty period for problematic HD Flat Panels, PC Options, Software, etc. Provide the responsibilities the BCSD will have in these procedures.

Troubleshooting & Support Process

1. **“Quick Fix”** | End user try “Quick Fix” Suggestions outlined in Quick Reference Guide.
2. **Call BCSD Help Desk** | When a teacher/end user has an issue they can’t resolve using the Quick Reference Guide, the next step is to contact the BCSD Help Desk. Whenever possible, the BCSD IT Service Desk will solve the problem, using the resources and knowledge received during Technical Training. [If problem is resolved, issue is closed](#)

3. BCSD Technician I If the BCSD Help Desk is not able to help the end user solve the problem, they will engage a BCSD Technician to go onsite. [If the tech is able to resolve the problem, the issue is closed.](#)

4. Boxlight Phone Support I If the school tech needs assistance, they should contact Boxlight Technical Support while still onsite. [If problem is resolved, issue is closed.](#)

5. Onsite Warranty Support I If Boxlight Technical Support determines the equipment needs to be swapped under warranty replacement, they will send a ticket to the service team to go onsite and correct the problem. [If problem is resolved, issue is closed.](#)

6. Ticket Closure I Once problem is resolved, all tickets will be closed. [Party facilitating resolution responsible to report results, and close all open tickets](#)

4.8 PRICING PROPOSAL

4.8.1 Submit your proposed pricing in Exhibit C.

4.8.2 K12 hours: Any work related to this scope that could interfere or interrupt classroom instruction should be done outside of the hours below:

- High and middle school hours are 8:45 am to 3:45 pm M-F
- Elementary school hours are 7:45 am to 2:45 pm M-F

Teacher hours:

- High/Middle -8:15 – 4:15
- Elementary – 7:15-3:15

Most of this scope work will be done after school hours. Please provide pricing appropriately.

BCSD and vendor will coordinate after hours building access.

4.8.3 For all work done within the scope of this RFP the labor rates per hour are:

Project Manager	\$___\$75.00
Engineer (higher level configuration)	\$___\$85.00
Technician (lower level configuration)	\$___\$55.00
IT Installer/Laborer (remove old/install new system)	\$___\$45.00

NOTE: BCSD expects an engineering level resource to have experience and related certifications issued from the manufacturer and to be skilled in implementing the systems in this solicitation. A Technician, by comparison, typically would not act as the project lead and would not be expected to have this level of qualifications. An IT Laborer would provide for basic installation requirements such as un-installing the old IWB System. **These job titles and rates must match same on quotes and invoices.**

4.9 GENERAL TERMS & CONDITIONS

4.9.1 List all conditions, objections, exceptions, and/or observations which you cannot or will not meet or accept in a separate document with regards to specific Section to which the offeror objects, takes exception(s), or provide(s) observation. Provide alternate language of solutions for BCSD's consideration.

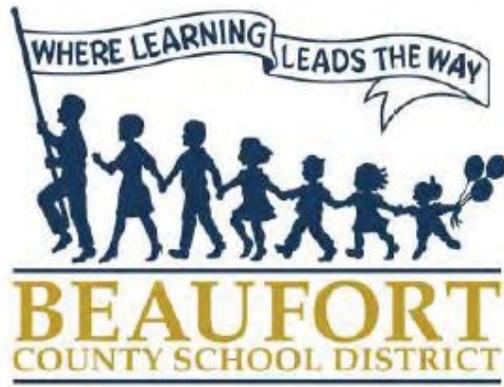
Response I We accept the terms of the Agreement as outlined in the RFP and our response. No exceptions to note other than we are willing to waive restocking fees provided return equipment is in new condition.

4.10 PROPOSAL SUBMITTALS CHECK LIST

4.10.1 The following submittals must be included in the proposal. Indicate, in the space to the right, the section of the proposal in which each submittal has been included:

Comprehensive Proposal (six copies)	All
Signed Cover Page One and Page Two	Before Tab 1
Executive summary	Behind Tab 1
Bidder experience and capabilities	Behind Tab 2
Bidder manufacturer partner level if applicable	Behind Tab 10
Project team with resumes and certifications	Behind Tab 3
SPIN # required for E-Rate	143022153
Proposed terms and conditions	Behind Tab 4
Sample invoice	Behind Tab 5
Technical information and cut sheets	Behind Tab 6
System testing procedures	Behind Tab 7
Audited yearend financial statement – 3 years	Behind Tab 8
Objections, exceptions, observations (separate document)	Behind Tab 11
Copy of any required license(s)	Behind Tab 10
Response form	Behind Tab 13
Pricing sheet (Exhibit C)	Back of Binder
Acknowledge RFP paragraph 7.1.23 PURCHASING CARD	Behind Tab 9
Good faith bond or certified check	Behind Tab 8
Letter from surety company	Behind Tab 8
Minority and Woman Business Enterprise Policy	Behind Tab 15
Original signature in BLUE ink on all six proposal copies	Behind Tab 16
	Stmt of Intent

Offeror should submit all other information and documents requested in this part and in parts 2.1 - Special Instructions; 3.0 - Scope of Work; 4.1 Response Form; 5.0 - Qualifications; 8.0 - Bidding Schedule/Price Proposal; and any appropriate attachments addressed in section 9.0 - Attachments to Solicitations.



Solicitation No. 18C-018

Qualifications

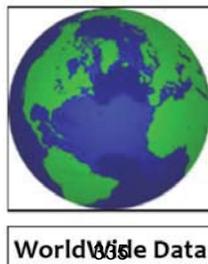
Section 5.0

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with



and





Qualifications

Section 5.0.2.2

Qualifications | Minimum Qualifications

Requirement | It is preferred for all prospective Vendors to meet the minimum qualifications listed below.

Requirement | 5.0.2.2 | Experience with K-12 schools of similar or larger size and scope as demonstrated through the customer references.

K12 Experience

Please see the following...

- **Executive Summary** | Tab 1 | Section 4.0.1.2
- **Explanation of Solution** | Tab 12 | Section 3.11.12
- **Detailed Narrative of 3 Most Recent Comparable Contracts** | Tab 14 | Section 5.1.c
- **Complete List of Similar Projects Over Last 3 Years** | Tab 14 | Section 5.1.d
- **List of 5 References for Similar Projects & Services** | Tab 14 | Section 5.1.j



Qualifications

Section 5.1

Qualifications I Required Information

Requirement I Submit the following information or documentation for you and for any subcontractor (at any tier level) that you identify pursuant to the clause titled Subcontractor – Identification. Err on the side of inclusion. You represent that the information provided is complete.

Proposers must meet or exceed these qualifications to be considered for award. Any exceptions to the requirements listed should be on a separate sheet marked “Exceptions” and clearly detailed in proposer’s response.

a) General History & Experience

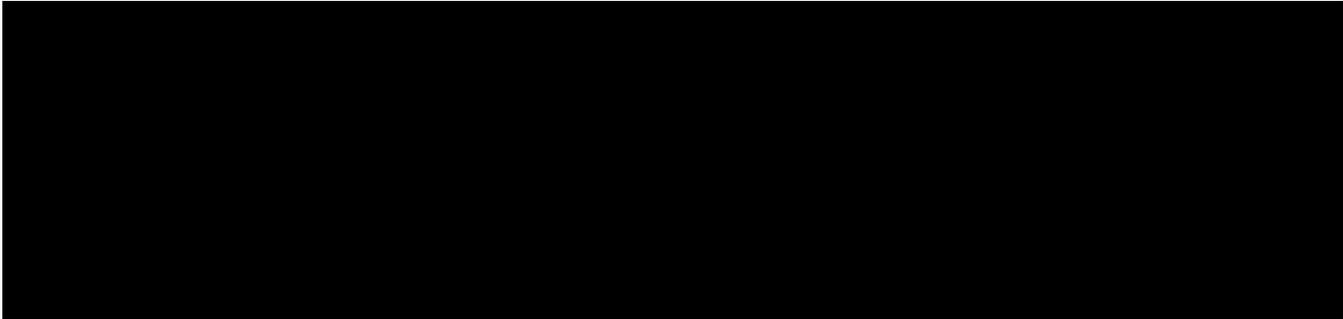
Requirement I a) The general history and experience of the business in providing work of similar size and scope. Five (5) year minimum.

Education Focused I Howard EDU, a division of Howard Technology Solutions, has been providing interactive technology to school districts across the United States for over ten years. Howard has implemented numerous 21st century classrooms with panel technology over the past ten years, and has extensive knowledge in pre-sales, design, implementation, and post-sales procedures to ensure that the district is completely satisfied with the proposed solution. We understand that not all districts are alike and enjoy working with districts to identify and provide the best suited technology to meet the needs and expectations described in this proposal.

Experienced with Large Implementations I Howard Technology Solutions is a division of Howard Industries, Inc., which was founded in 1968. Over the past 30+ years our team has helped hundreds of districts successfully implement interactive technology in over 750,000 classrooms. Our technology partner, Boxlight Mimio, is an award winning industry innovator, who has impacted the lives of millions of students since their founding in 1985. Our installation and services partner, World Wide Data Systems (WWDS) has successfully installed and supported thousands of classrooms at numerous districts including: Miami Dade, Atlanta Public Schools and Dekalb County. Our secret to success? Hiring highly qualified staff that help districts implement turnkey solutions that are easy, effective and fully integrated. See Tab 1 Executive Summary for additional details about Howard’s History. A sample of projects our team has worked on is pasted below.

Experience Matters. Our team members have extensive experience in large implementations. This experience is a tremendous asset to any district doing a large deployment. Our knowledge sets the groundwork for a smooth implementation, as we are able to implement best practices that allow us to anticipate and avoid potential problems, providing a better end user experience.

Districts our team have helped successfully implement include:



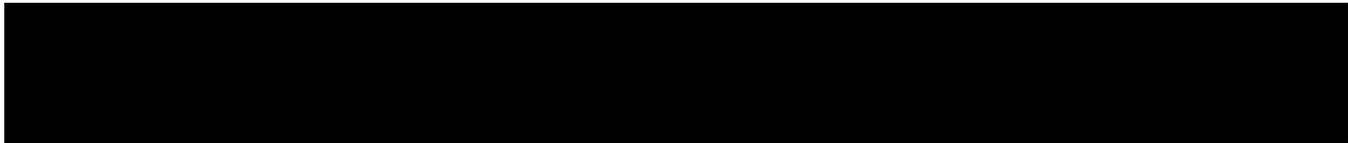
PROVEN TRACK RECORD | Reduced Risk



b) Current Financial Position

Requirement I b) Information reflecting the current financial position. Include the most current audited financial statement and audited financial statements for the last three (3) fiscal years.

General Description of Financial Position



Howard Technology Solutions - Registration Information					
Annual Sales Volume		Income (profit) from operations		Net Worth	
Year	Amount	Year	Amount	As of	Amount
2017					
2016					
2015					
2014					
2013					
2012					

[REDACTED]	I
[REDACTED]	[REDACTED]



e) Understanding of Industry Best Practices

Requirement I e) Must have a clear understanding of industry standards and best practices.

Project Management | Best Practices

Best Practices I There’s no substitute for experience. Especially when it comes to large, district-wide projects. Partnering with a team who has “been there, done that,” will keep “Gee, I wish we would have thought of that...” moments to a minimum. The following pages outline a few essential best practices we’ve discovered over the years to be invaluable for this type project.

Project Plan I Whenever possible, we strongly recommend developing a comprehensive project plan for the entire district that includes Implementation and Professional Training. There are great efficiencies to be gained by completing an entire school before moving on to the next one. Additional efficiencies are obtained by considering geographic proximity when creating the implementation schedule.

Project Management I Project Management is another key to success. Well managed projects require not only a well-thought out and documented plan, but constant communication between all the stakeholders. Project Management will be a joint responsibility of BCSD and the HowardEDU Team. Key project management roles are outlined below.

Senior Project Managers I Howard Technology Solutions will be providing a Senior Project Manager who is responsible for overseeing the timely success of all aspects of the project. The

¹ a

Senior Project Manager will serve as the primary point of contact for BCSD's Senior Project Manager.

Executive Sponsors | Executive Sponsors set the direction and tone for the project. They are responsible for ensuring necessary resources are available and performing to expectations. When necessary, they resolve bottlenecks and/or conflicts. Each major participating organization in the project should have a designated Executive Sponsor. Executive Sponsors are encouraged to participate in the Project Kickoff Meeting so they can meet the team, help create the plan, and remove unnecessary bottlenecks.

PROCESS

Projects can be managed effectively using the 5 Step Project Management Institute (PMI) Process as outlined below:



PROPER TOOLS

Efficiency & Effectiveness | In order to provide efficient communication and project tracking, we will be utilizing WorldWide Data System's online database to all relevant project documentation including: Site Survey Forms, School Maps, Completion of Work Forms, Pictures of Completed Work, Sign Off Sheets, Shipping Receipts, Serial Number and Asset Tag Information

TECHNIQUES

To ensure a smooth and successful project we will employ the following techniques:

Planning | Joint planning at the beginning of the project ensures all parties are clear on goals, policies and processes for the project.

Risk Management | Critical risk factors and possible mitigation strategies will be identified and discussed during the Project Kickoff Meeting. Prior to close of the meeting a Risk Assessment will be made. This assessment will be revisited as needed during regular weekly meeting.

Issue/Escalation Management I The Communication Plan in Step 4 of the Implementation Plan outlines the process for communicating and resolving issues.

Scope/Change Management I During the Project Kickoff Meeting we will develop a mutually agreed upon process to authorize, document and manage changes to the project scope.

Measurement and Reporting I During the Project Kickoff Meeting we will develop measurable project goals and agree upon frequency and method of documenting and communicating progress to designated parties.

Project Workbook I The Project Workbook will be developed after the Project Kickoff Meeting. It will document all key project info including the communication plan, stakeholder register, kick off call notes, schedule, status, asset report and change log. The project workbook is updated daily and shared with all key stakeholders during the weekly status meetings (or upon request).

QUALITY ASSURANCE

Testing & Documentation I WorldWide Data Systems will test all equipment to ensure all components are in good working order prior to completion of installation. After installation is complete, installers complete the Quality Control Checklist, write the school name, room number, serial numbers, and installation team name on a MimioNotebook page, and then take a picture to document the completed, working installation. This picture will then be uploaded to the Online Project Management System for future reference.

PROFESSIONAL DEVELOPMENT

Planning I Shortly after the contract award, we will conduct a joint Professional Learning Kick Off meeting where we will establish the goals, objectives, timing, and structure of the training.

Cohorts I Experience has taught us that the most efficient way to train teachers is by cohorts. In the elementary schools we suggest splitting the teachers into 2 groups according to grade level...i.e. K-3 and 4-6. In the middle and high schools we suggest grouping them by subject, with the primary focus being on ELA, Math, Science and Social Studies.

f) Certifications, Licenses & Permits

Requirement I f) Offeror shall provide with their proposal copies of all appropriate certifications, licenses and permits, as well as evidence to support the documentation.

Personnel Certifications I Please see final pages in Tab 3 | Project Manager & Project Personnel

Licenses & Permits I Please see Tab 10 | Required Licenses for licenses and permits.

g) Compliance with Local Laws & Statutes

Requirement I g) Must have knowledge of and comply with all currently applicable, and as they become enacted during the contract term, federal, state and local laws, statutes, ordinances, rules and regulations. All laws of the State of South Carolina, whether substantive or procedural, shall apply to the contract, and all statutory, charter, and ordinance provisions that are applicable to public contracts in the District shall be followed with respect to the contract.

Full Compliance I Howard agrees to apply with all currently applicable, and as they become enacted, laws during the contract term, including federal, state and local laws, statutes, ordinances, rules and regulations. We understand that all State of South Carolina laws, whether substantive or procedural will apply to the contract, and all statutory, charter, and ordinance provisions that are applicable to public contracts in the District shall be followed with respect to the contract.

h) Bonds, Escrow & Insurance

Requirement I h) Must have the capacity to acquire all bonds, escrows or insurance as outlined in the terms of this RFP.

Bonds, Escrow & Insurance I Howard has the capacity to acquire all necessary bonds, escrows and insurance as outlined in the terms of this RFP. Copy of Insurance Certificate is on the next page.

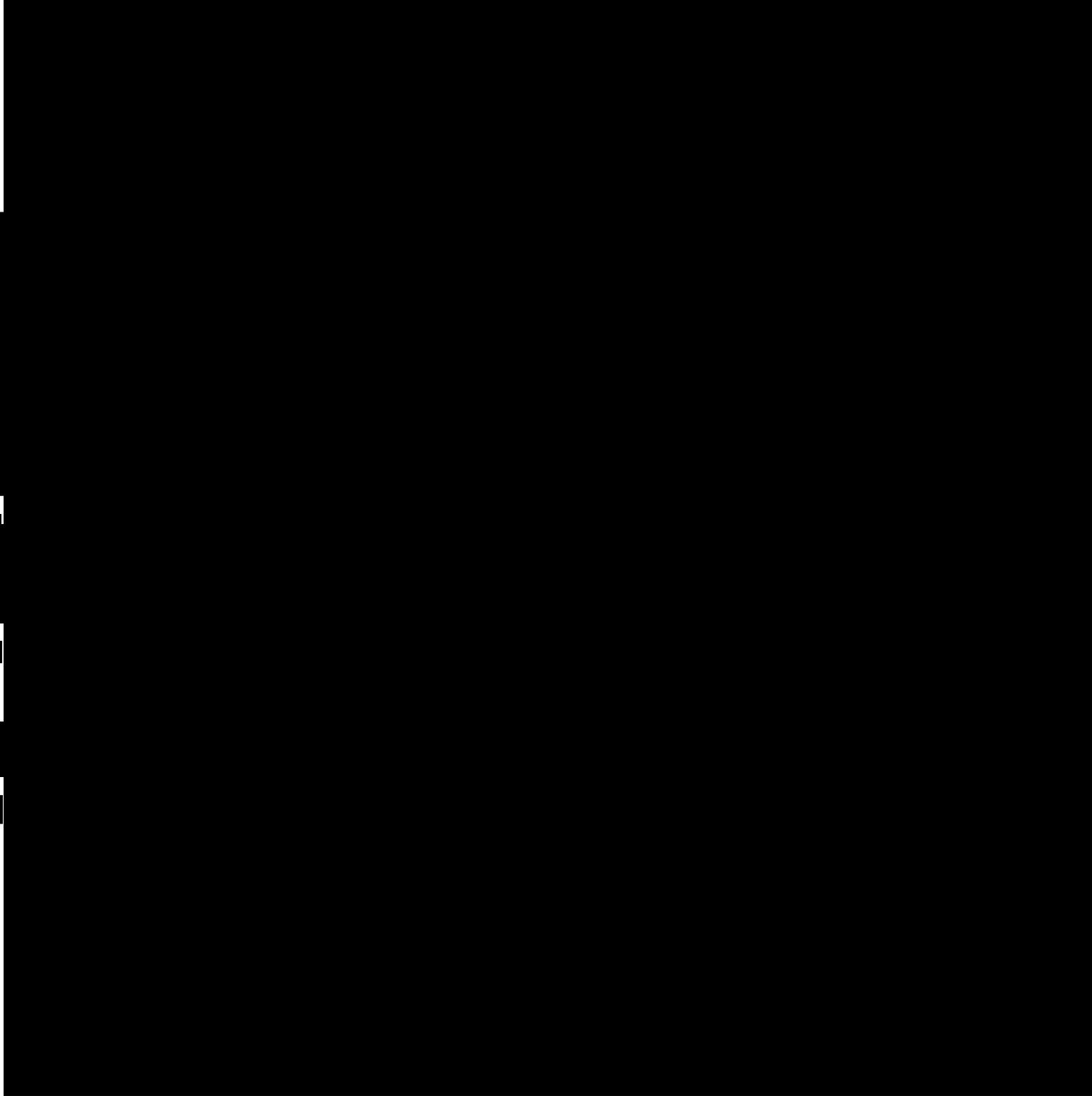
i) Failed Projects, Suspensions, Debarments & Significant Litigation I Response...

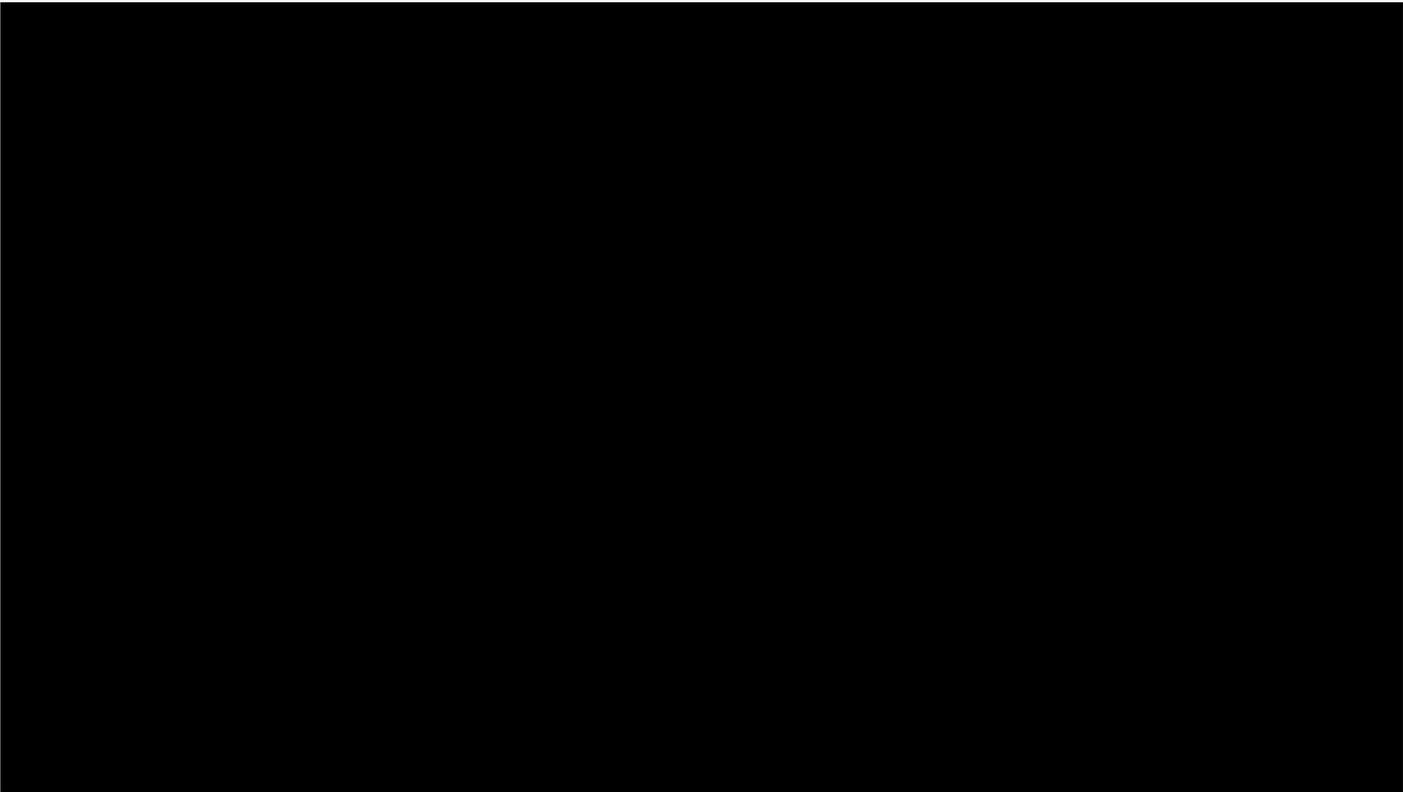
Requirement I i) List of failed projects, suspensions, debarments, and significant litigation.

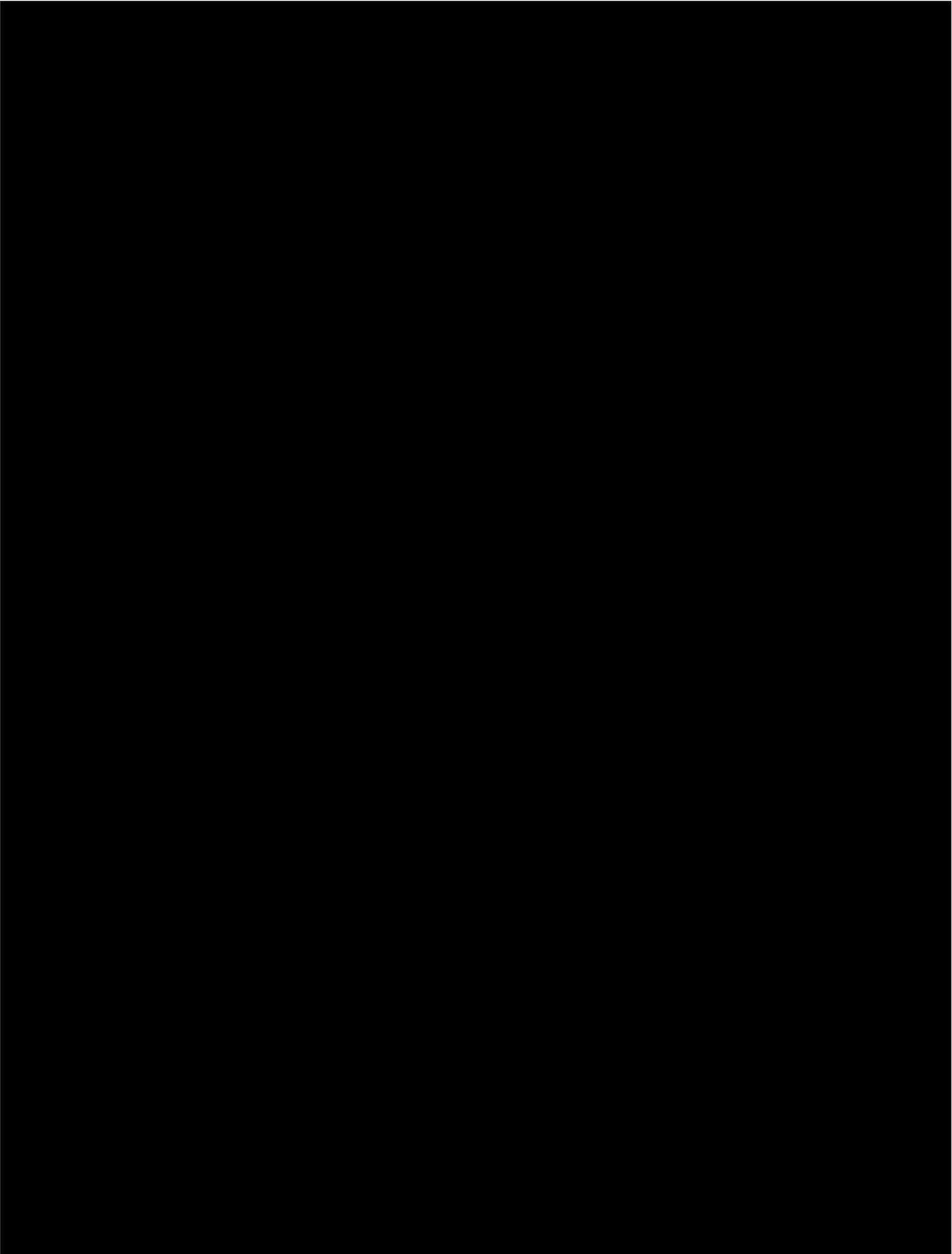
No Failed Projects, Suspensions, Debarments or Litigation I Howard has not had any failed projects, suspensions, debarments of litigation.

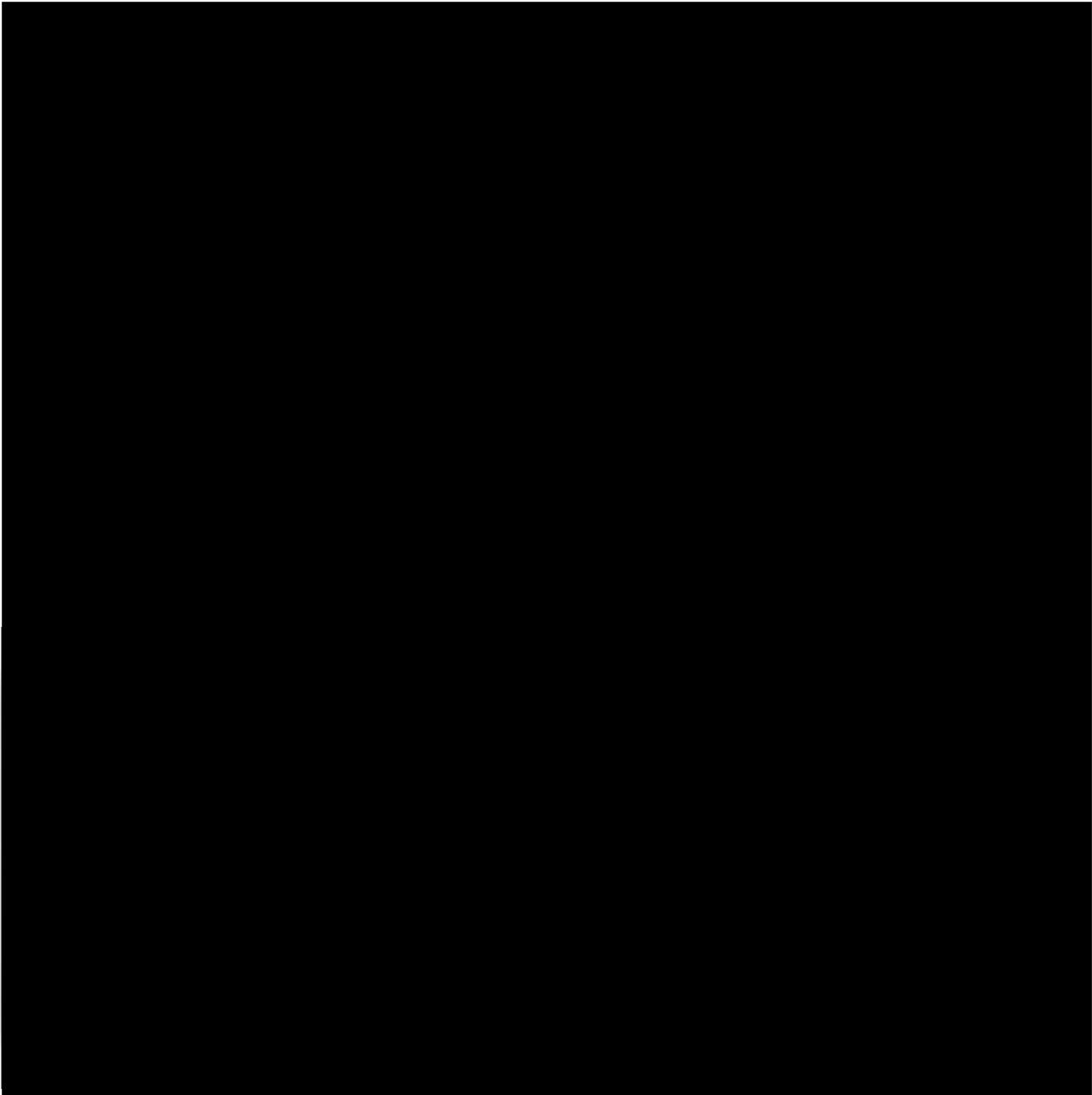
j) 5 References of Similar Projects

Requirement I j) List of at least five (5) references of similar projects for these services.











Subcontractor Identification

Section 5.2

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Solicitation No. 18C-018

Attachments

Section 9.0

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with



and



WorldWide Data



Attachments

Section 9.0

M/WBE I Good Faith Effort

Bidder Category I Category 3

Mentor/Protégé Arrangement I During the course of preparing for this bid response, Howard Technology Solutions reached out to multiple minority firms by phone, email, and face to face discussion which are registered/certified with the State of South Carolina’s Small and Minority Business Assistance Office. Unfortunately, we were not able to locate a firm with the experience and availability to participate in this project. Having said that, we did locate two firms, Globalpundits Technology Consultancy and Advance Fiber Optic Technology who indicated an interest in ramping up their skill set so they can partner with us in the future. A listing of the firms we reached out to is listed below.

Subcontractor Participation I Minority Firms

Project Participation I We were unable to locate a M/WBE firm with the past experience specific to the Boxlight product nor completed projects on the scale of the proposed solution for Beaufort County School District. However, we did locate two firms, Globalpundits Technology Consultancy and Advance Fiber Optic Technology who indicated an interest in ramping up their skill set so they can partner with us in the future. A listing of the firms we reached out to is listed below.

Bidder Utilization Report

Sub-Contractor Name	Gender Group	Address	Phone	Other	E-Mail
Globalpundits Technology Consultancy, Inc	WBE	4715D Sunset Blvd Lexington SC 29072	(803)354-9400		johnsonsgarbage@aol.com
Advance Fiber Optic Technology	AABE	1944 Seaside Road St Helena Island 29920	(843)489-6670		cleveland@hargray.com
Cheajar Locksmith Services, LLC	AABE	193 Tomahawk Drive Aiken SC 29801	(803)430-3891		cheajarlocks@yahoo.com
Ask Tech, LLC	AABE	125 Bloxome Drive Hopkins, SC 29061	(803)347-7192		j.gethers@techsmeit.com
Charleston Imaging Products, Inc	WBE	1315 Ashley River Road Charleston, SC 29407	(843)769-7774		holly@charlestonimaging.com
MD Technologies	AABE	3400 Forest Drive Suite 2040 Columbia SC 29204	(803)661-0962		No email

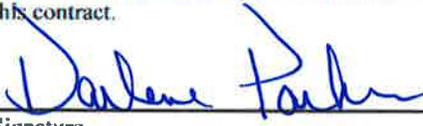
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Statement of Intent

Statement of Intent

We, the undersigned have prepared and submitted all the documents required for this project. We have prepared these documents with a full understanding of the Beaufort County School District's goal to ensure equal opportunities in the proposed work to be undertaken in performance of this project. Specifically, the BCSD seeks to encourage and promote on an inclusionary basis contracting opportunities without regard to the race, gender, national origin or ethnicity of the ownership or management of any business and that it is an equal opportunity employer and contracting entity. We certify that the representations contained in the Minority/Woman Business Enterprise (M/WBE) Utilization Report, which we have submitted with this solicitation, are true and correct as of this date. We commit to undertake this contract with the Minority/Woman Business Utilization Report we have submitted, and to comply with all non-discrimination provisions of the Minority/Woman Business Enterprise Program in the performance of this contract.



Signature

2-22-18

Date

Name: Darlene Parker

Title: Bid Specialist

Project: Interactive White Board Systems

Phone: 1.888.912.3151
Fax: 1.601.399.5077
Online: www.howardcomputers.com



Howard Computers
P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: CS3 838330.00
Customer Name: Charlotte Waskiewicz
Company Name: Beaufort County School District
Quote Name: Mimio Display quote with install OPP - 002909

Quote Date: February 20, 2018
Phone Number: 8433222375
Fax Number: 8433222371

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	PROCOLOR 70" IR UHD/4K ANDROID IFP MPN: PROCOLOR 702U	1	\$2,446.00	\$2,446.00
2:	PROCOLOR 75" IR UHD/4K ANDROID IFP MPN: PROCOLOR 752U	1	\$2,740.00	\$2,740.00
3:	PROCOLOR 86" IR UHD/4K ANDROID IFP MPN: PROCOLOR 862U	1	\$4,152.00	\$4,152.00
4:	PROCOLOR 982U - 4K, Android, 20 Touch,WiFi-002 MPN: PROCOLOR 982U	1	\$12,650.00	\$12,650.00
5:	PROCOLOR-PCMODi5 v2.1 (Windows Pro included) MPN: PROCOLOR-PCMODi5 v2.1	1	\$708.00	\$708.00
6:	Wallmount - Procolor Wallmount 001 MPN: Fixed Wall Mount	1	\$37.00	\$37.00
7:	Height Adjustable Wall Mount I ProColor Panels Up to 75" I LED-WALL-LITE MPN: LED-WALL-LITE	1	\$585.00	\$585.00
8:	Height Adjustable Wall Mount I ProColor Panels Up to 98" I LED-WALL MPN: LED-WALL	1	\$864.00	\$864.00
9:	Fixed Height Mobile Cart I Procolor-Mobile-200 & Procolor-Wallmount-001 MPN: Fixed Height Mobile Cart	1	\$306.00	\$306.00
10:	Height Adjustable Mobile Cart I IFPD-MOB MPN: Height Adjustable Mobile Cart	1	\$1,042.00	\$1,042.00
11:	Height Adjustable Mobile Cart to Table I IFPD MOB-TLT MPN: Height Adjustable Mobile Cart to Table	1	\$1,480.00	\$1,480.00
12:	Sound Bar MPN: Sound Bar	1	\$84.00	\$84.00

Sub-Total: \$27,094.00
Parts & Accessories Shipping: Included
Taxes: Tax Exempt
Total for Item 1: \$27,094.00

This quote will expire March 22, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Item 2

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	labor per room MPN: Labor	1	\$717.00	\$717.00
2:	Standard Service Contract MPN: SSC	1	\$445.00	\$445.00
			Sub-Total:	\$1,162.00
			Parts & Accessories Shipping:	Included
			Taxes:	Tax Exempt
			Total for Item 2:	\$1,162.00

This quote will expire March 22, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total:	\$28,256.00
Parts & Accessories Shipping:	Included
Taxes:	Tax Exempt
Total:	\$28,256.00

Notes:

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For product return policies and information please visit:
http://www.howardcomputers.com/pdf/warranties/HTS_ReturnPolicy.pdf

Phone: 1.888.912.3151
Fax: 1.601.399.5077
Online: www.howardcomputers.com



Howard Computers
P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: HM3 838661.00
Customer Name: Charlotte Waskiewicz
Company Name: Beaufort County School District
Quote Name: front row receiver option
Quote Date: February 20, 2018
Phone Number: 8433222375
Fax Number: 8433222371

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	940R Pro Digital Receiver MPN: 202-00-400-00	1	\$359.00	\$359.00

Sub-Total: \$359.00
Parts & Accessories Shipping: Included
Taxes: Tax Exempt
Total for Item 1: \$359.00

This quote will expire March 22, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total: \$359.00
Parts & Accessories Shipping: Included
Taxes: Tax Exempt
Total: \$359.00

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P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: HM3 838664.00
Customer Name: Charlotte Waskiewicz
Company Name: Beaufort County School District
Quote Name: Front row receiver mic and sensor option

Quote Date: February 20, 2018
Phone Number: 8433222375
Fax Number: 8433222371

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	940R Pro Digital Receiver MPN: 202-00-400-00	2	\$359.00	\$718.00
2:	ITM-02 Pendant Microphone Kit MPN: 1000-00039	2	\$155.00	\$310.00
3:	IMC-01 Universal Drop-In Microphone Charger MPN: 202-05-102-00	2	\$36.00	\$72.00
4:	950CS Ceiling Sensor Kit MPN: 204-01-010-00	2	\$65.00	\$130.00
			Sub-Total:	\$1,230.00
			Parts & Accessories Shipping:	Included
			Taxes:	Tax Exempt
			Total for Item 1:	\$1,230.00

This quote will expire March 22, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total: \$1,230.00
Parts & Accessories Shipping: Included
Taxes: Tax Exempt
Total: \$1,230.00

Notes:

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Howard Computers
P.O. Box 1588
Laurel, MS 39441

Online Quotation

Quote No: HM3 838670.00
Customer Name: Charlotte Waskiewicz
Company Name: Beaufort County School District
Quote Name: mic and sensor option for front row
Quote Date: February 20, 2018
Phone Number: 8433222375
Fax Number: 8433222371

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	ITM-02 Pendant Microphone Kit MPN: 1000-00039	3	\$155.00	\$465.00
2:	IMC-01 Universal Drop-In Microphone Charger MPN: 202-05-102-00	3	\$36.00	\$108.00
3:	950CS Ceiling Sensor Kit MPN: 204-01-010-00	3	\$65.00	\$195.00
			Sub-Total:	\$768.00
			Parts & Accessories Shipping:	Included
			Taxes:	Tax Exempt
			Total for Item 1:	\$768.00

This quote will expire March 22, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total:	\$768.00
Parts & Accessories Shipping:	Included
Taxes:	Tax Exempt
Total:	\$768.00

Notes:

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Howard Computers
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 Laurel, MS 39441

Online Quotation

Quote No: HM3 839080.00
Customer Name: Charlotte Waskiewicx
Company Name: Beaufort County School District
Quote Name: Cable Package OPP - 002909

Quote Date: February 22, 2018
Phone Number: 8649474616
Fax Number: 8648473543

Item 1

Category	Description	Qty.	Unit Price	Ext. Price
System Type:	Accessories			
1:	Panduit - Cable raceway joint coupler - white MPN: CF10WH-X	2	\$15.00	\$30.00
2:	Drop ceiling/entrance end fitting for use with LD10 raceway, Arctic White, ABS, Length 2.25 in MPN: DCF10WH-X-PAN	2	\$19.00	\$38.00
3:	Panduit One-piece latching surface raceway with preapplied adhesive backed tape, 10-foot Length, white PVC MPN: LD10WH10-A-PAN	3	\$29.00	\$87.00
4:	Pro AV/IT Active Plenum USB A Male to B Male Cable 35ft (Center) MPN: USB2-AB-35PROAP	1	\$69.00	\$69.00
5:	C2G HDMI and USB Pass Through Wall Plate - White - Mounting plate - HDMI, USB Type A - white MPN: 39702	1	\$31.00	\$31.00
6:	C2G Decorative Style Cutout Single Gang Wall Plate - White - Mounting plate - white MPN: 03725	1	\$2.00	\$2.00
7:	Panduit Pan-Way Power Rated Surface Mount Outlet Box - Surface mount box - white - 2-gang MPN: JBP2DWH-pan	1	\$16.00	\$16.00
8:	Comprehensive - HDMI cable - HDMI (M) to HDMI (M) - 35 ft - fiber optic - gray - 4K support MPN: HD18G-35PRoblka	1	\$104.00	\$104.00
9:	Pan-Way - Cable raceway fitting - office white MPN: RAFC10IW-X	1	\$16.00	\$16.00

Sub-Total: \$393.00
Parts & Accessories Shipping: Included
Taxes: \$0.00
Total for Item 1: \$393.00

This quote will expire March 24, 2018.
 To expedite your order, please include your quote number with your Purchase Order.

Item 2

Category	Description	Qty.	Unit Price	Ext. Price
System Type: 1:	Accessories Labor for cable package add on MPN: Labor add on	1	\$120.00	\$120.00
Sub-Total:				\$120.00
Parts & Accessories Shipping:				Included
Taxes:				\$0.00
Total for Item 2:				\$120.00

This quote will expire March 24, 2018.
To expedite your order, please include your quote number with your Purchase Order.

Total for all pre-configured items

Sub-Total:	\$513.00
Parts & Accessories Shipping:	Included
Taxes:	Tax Exempt
Total:	\$513.00

Notes:

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