

Department of Information Technology

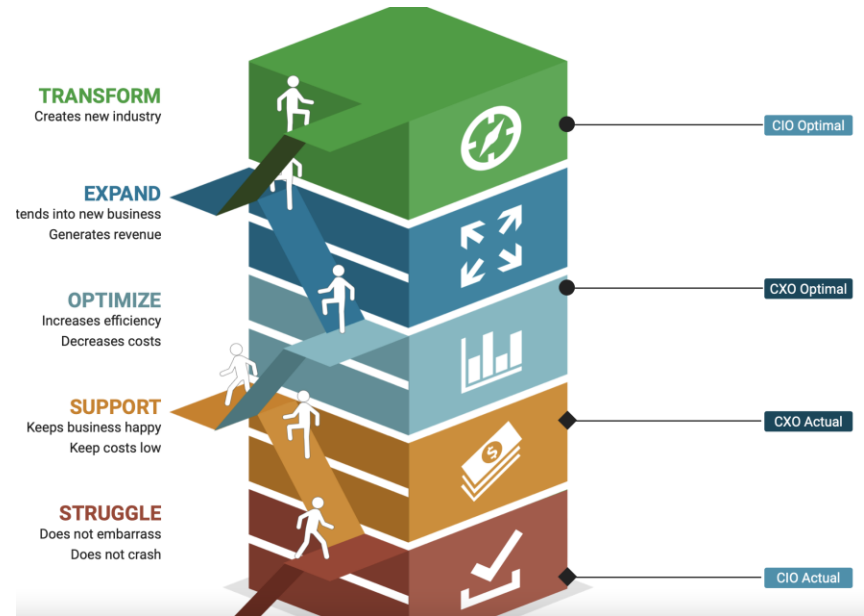
Long Range Master Plan : Technology with Strategic Purpose

Board of Education Meeting
Tuesday, March 22, 2022



Assessment - Strategic Alignment

- IT departments effectively aligned to business goals achieve higher growth compared to those lacking alignment.
- Create plan to address alignment gaps
- Identify and build core IT processes that automate IT-business alignment



Identified Top Priorities

1. Maximize usage of E-Rate* program
2. Upgrade aged technology within schools
3. Community WIFI
4. Align technology support to schools
5. Improve IT processes and procedures

* E-Rate is an FCC program for schools and libraries which seeks to make network infrastructure more affordable. Schools are allocated monies every five years to upgrade network components. Districts are only liable for 15 to 20 percent of total cost of allocated funds.



Technology Department Structural Changes

Customer Help
Desk

Campus Support

Campus Security
Systems

Project
Management
Office

IT Business
Services

- Decentralize campus support to align with School Leadership
- Align staff with their roles and responsibilities
- Improve Customer Experience
- Increase department governance
- Transition to performance-base department with smart goals

Master Plan Design Committee

IT Staff	District Staff	District Staff	School Staff	Community	Parents
Alex Falcon Mcdeny Alcantara Laura Mathews Henry Garcia Debra Bell Nichole Drumgoole Larry Sandoval Marlon Shears Wyatt Sledge Robert Mendez	Isaac Cervantes Lisa Castillo Lisa Clark Lori Colletti Brenda DeLeon Shana Ellason Holly Affleck Jennifer Akinluyi-abe Daphne Rickard Merrily Behnke Daniel Baham David Pupalais Sascha Sciandra	Luis Fernandez Tandi Smith Jean Otto Dr. Becky Navarre Marion Mouton Rosibel Jimenez David Johnson Jonathan Lee Sara Reed Dawn Simpson	Jeffery Bartolota Shawn Hadd Heath Jackson Quanda Collins Saleta Thomas	Dr. Kerry Neal Chris Shropshire Wanda McKinney Sallie Trotter	Steven Wengert Stephanie Martin Wanda McKinney

Master Plan Student Panel Participants – South Hills High School



- Kevin Hernandez
- Yesenia Estrada
- A'Janae Young
- Melvin Rivera
- Arianna Serrano

Master Plan Technology Call to Action



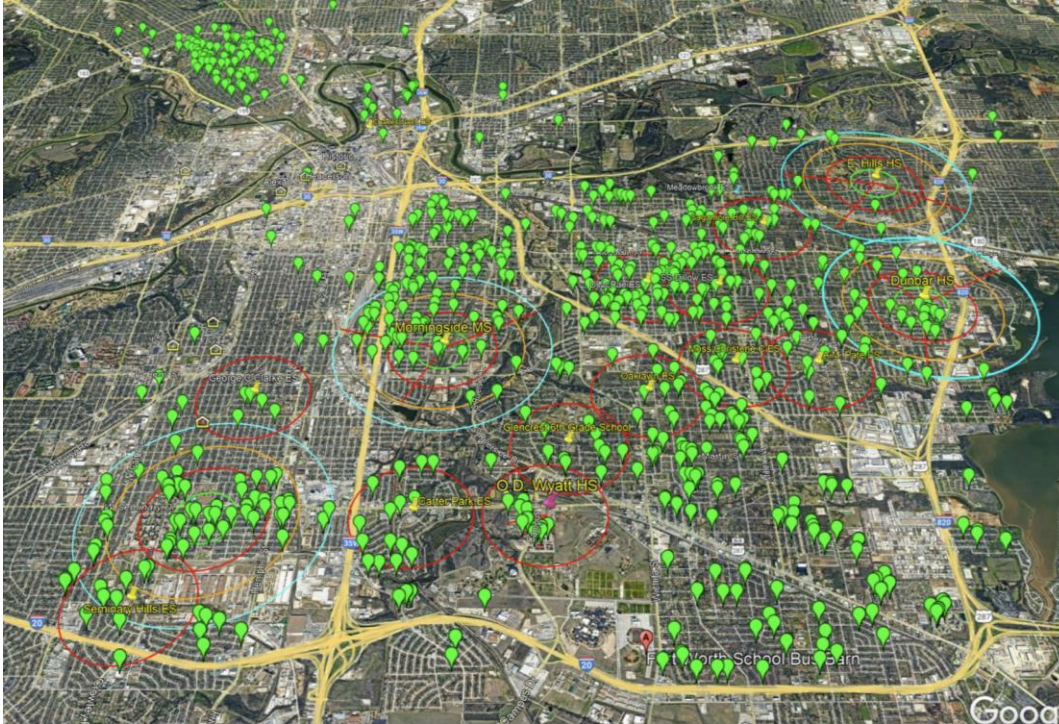
- *Create a culture that empowers and equips every student with the tools and resources to achieve their greatest potential.*

Master Plan Goals

- Goal 1: Create and provide FWISD stakeholders the opportunity to attain, learn and apply key technology knowledge and skills to elevate the student learning experience.
- Goal 2: Create sustainable and efficient standards for device and solution adoptions that meet the needs of all students and programs.
- Goal 3: Develop an effective & efficient collaborative communication process for all stakeholders to share information, which yields useful data for decision-making that will result in successful students' outcomes.
- Goal 4: Develop a sustainable, comprehensive device and resource lifecycle management plan that ensures equitable program focused access in an ever-changing world.
- Goal 5: Establish a modern sustainable Technology Ecosystem to support the 21st century learner.



Project Initiative – Community WIFI



- Current households requesting service 1.2k
- Approximate students impacted 3k
- Phase 2 underway
- Tower Installation at 20 campuses (David Sellars ES, W.M. Green ES, James William MS, Van Zandt-Guinn ES, Rufino Mendoza ES, J.P. Elder MS, Sam Rosen ES, Forest Oak MS, Oaklawn ES, Moss Christene ES, OD Wyatt HS, Sagamore Hill ES, S.S. Dillow ES, D. McRae ES, George Clarke ES, Pate ES, Glencrest 6th Grade School, Carter Park ES, Seminary Hills ES)
- Phase 2 completion -June 2022

Project Initiative – Bus WIFI



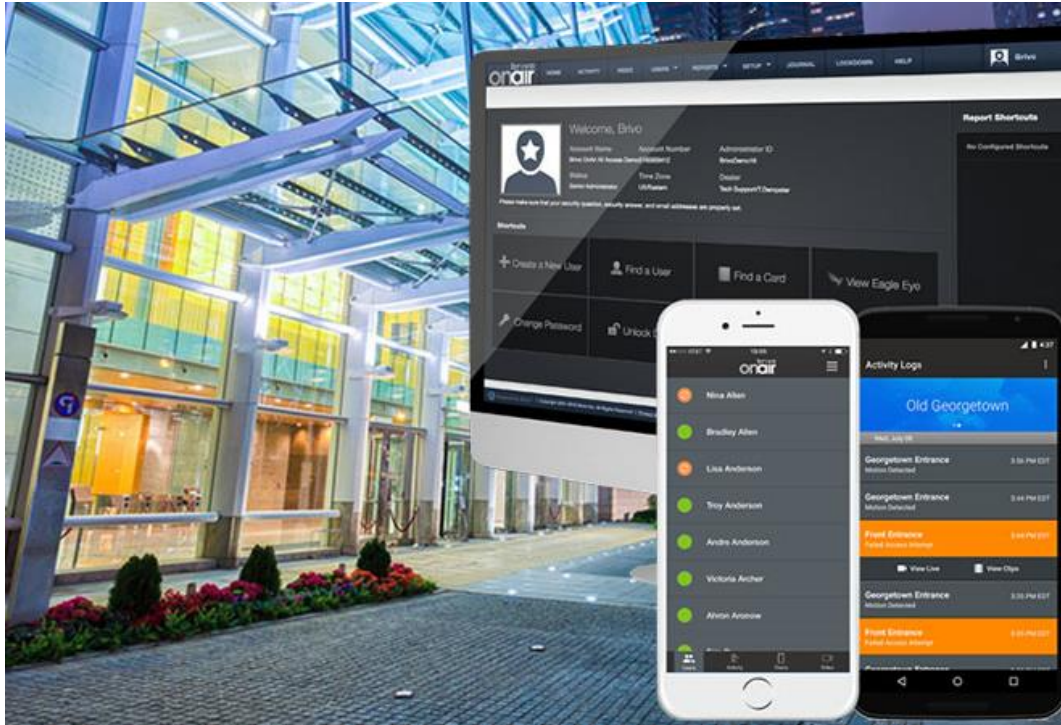
- First bus installation occurred March 7th.
- Goal is to install 50-70 buses week of Spring Break.
- 200 buses total will have Internet capabilities upon project completion (May 2022).

Project Initiative – Interactive Flat Panels



- Project will replace all aged smart boards and projectors with Interactive Flat Panels.
- Project has begun with replacement or addition of panels in High School classrooms not covered under renovation.
- Project will replace over 5,000 units Districtwide.
- Anticipated Completion Dates
 - High Schools (650 units) – October 2022
 - Alternative (100 units) – July 2022
 - Elementary Schools (3150 units) – September 2023
 - Middle Schools (1440 units) – December 2023

Project Initiative – Video and Access Control



- Project will replace all access controls and video cameras at all schools.
- Planned Phase 1 Schools:
 - Eastern Hills HS (End April 2022)
 - Trimble Tech HS (End April 2022)
 - Dunbar HS (Mid May 2022)
 - Benbrook HS/MS (Mid May 2022)
 - Diamond Hills-Jarvis HS (June 2022)
 - OD Wyatt HS (June 2022)
 - Arlington Heights HS (July 2022)
 - Southwest HS (July 2022)
 - Paschal HS (August 2022)

Additional Modernization Projects



- Updating network fiber equipment at hub high schools (In Progress)
- Increase capacity to 10GB bandwidth at all schools(July 2022)
- New teacher laptops and tablets (May 2022 Distributions)
- New Student laptops and tablets (August 2022 Distributions)
- New Service Management System (In Progress)
- New teacher and parent device management tools (May 2022)



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