

Region 15 Technology

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Director of IT

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Region 15 Mission

- The mission of Region 15, a collaborative community committed to excellence, is to educate every student to be productive, ethical, and engaged in a global society through proven and innovative learning experiences supported by its strong community whose decision-making is based on the best interest of all students.

Technology Department

- IT Director, 3 Full time Technology Specialists
- Support 7 Schools and Central Office
- Support a 1:1 Chromebook Environment
- Maintain thousands of devices including servers, desktops, laptops, Chromebooks, iPads, iPhones, printers, office phones, network switches, wireless access points, smartboards, firewall, web filter etc.
- Maintain usernames and passwords for many systems for 3600 students and 650 staff members
- Supporting Students and Staff in person and remote

Our Infrastructure

- Full 10 GB fiber optic network between all schools
- Over 70 Network switches with 10 GB fiber internal connections
- Over 330 Wi-Fi Points (almost 1 in every classroom)
- Virtualized Data Center with Centralized Back up and redundancy

Technology Priorities 2020-2021

- Replace aging Equipment per replacement cycle including Chromebooks, Teacher Laptops and Desktops
- Replacement of Projectors and Smartboards
- Build Resilience into our Network Services
- Maintain Operations by renewing annual maintenance contracts and subscriptions

Repairs and Maintenance

- Spare parts inventory and server maintenance contracts **\$4,000**
- Projector Lamps and smartboard parts for District Smart Boards **\$2,000**

Hard drives, power supplies, network cables, replacement batteries for laptops, UPS units, network switch fiber modules, network enclosures, printer repair parts, replacement laptop and chromebook screens, smartboards, smartboard cables, smartboard pens, smartboard cameras, smartboard bulbs, out of warranty repairs, etc.

Dues and Fees

- AESOP Absence Management **\$19,500**
- Applitrack Online Application system **\$5,000**
- Appraver SecureTide Spam and email virus filter **\$3,600**
- Dark Fiber Maintenance contract for fiber optic WAN **\$10,800**
- Destiny Library Manger Support Contract **\$8,000**
- Discovery Education Streaming Service K-12 annual subscription **\$18,750**
- Encyclopedia Britannica Online Subscription **\$4,400**
- Extreme Networks wireless and switch support contract **\$6,100**
- Finalsite School and District web sites **\$6,500**

Dues and Fees ctd.

- Fortigate Firewall Annual Support and Maintenance Contract **\$8,150**
- ITwork order requests maintenance contract **\$2,600**
- Level Data Student Sync annual support **\$6,100**
- PowerSchool Hosting **\$11,500**
- PowerSchool Support Fee **\$19,500**
- SchoolMessenger Subscription **\$5,700**
- Smart Notebook Software Subscription **\$3,000**
- State of CT Internet Access CEN **\$9,500**
- TRAPS Antivirus Support Contract **\$4,000**
- VEEAM Backup and VMWare Support annual renewal **\$3,100**

Technology Equipment Replacement Cycle

- Desktops replaced after 6 years
- Laptops replaced after 4 years*
- Chromebooks replaced after 4 years*
- Network Equipment replaced after 5-7 years

*Inspected during 3rd year to assess physical and operating condition

(Cost Saving Measure: Region 15 has been purchasing Refurbished Laptops and Desktops for several years.)

Estimated Chromebook and Laptop Replacement Cycle Summary

Needed Equipment Based on Age of Devices

- 200 Laptops
- 861 Chromebooks
- 119 Desktops

Technology Equipment

- Replacement Teacher Laptops (Middle School and High School) **\$140,000**
- Replacement Chromebooks **\$112,500**
- Replacement Desktops **\$120,000**
- Replacement Smartboards **\$15,000**
- Replacement Projectors **\$20,000**
- Replacement iMacs **\$6,250**

Technology Account Summary

- **Repairs and Maintenance**

\$ 6,000

- **Dues and Fees**

\$ 155,800

- **Technology Equipment**

\$ 175,361 *

*** Moving towards an equipment leasing model**

Technology Equipment Leasing

	20-21	21-22	22-23	23-24	24-25
Payment 4				Lease 1	Lease 2
Payment 3			Lease 1	Lease 2	Lease 3
Payment 2		Lease 1	Lease 2	Lease 3	Lease 4
Payment 1	Lease 1	Lease 2	Lease 3	Lease 4	Lease 1
Total Annual Payment	\$90K	\$150K	\$210	\$270K	\$240K
"Purchasing Power"	\$360K	\$240K	\$240K	\$240K	\$240K

Thank You

Questions?