

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
- 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
- Addressed over 16,000 help desk tickets since 2006

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 2019-2020

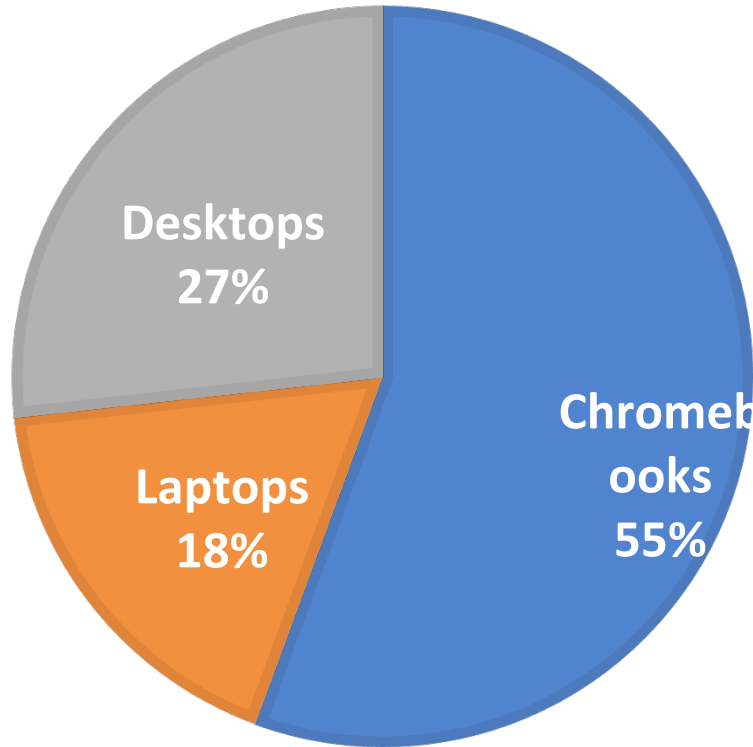
- Maintain existing equipment
- Improve student productivity and efficiency
 - Refresh 4 laptop carts with Chromebooks at MMS (better battery life, faster boot times, easier to manage)
- Increase and balance student access to technology
 - Add additional carts to GES, MES, PES with Title 1 grants
 - Add additional carts to RMS and PHS with school funds
- Replace aging classroom projectors and smartboards
 - Replace 20 projectors per year, repair replace boards as needed

Technology Priorities 2019-2020

- Replace Desktops, Chromebooks and Laptops according to replacement schedule

Current Computer Inventory

■ Chromebooks ■ Laptops ■ Desktops



Type	Total
Chromebooks	1938
Laptops	616
Desktops	932
	3486

Computer Replacement Cycle

- Desktops replaced after 6 years
- Laptops replaced after 4 years*
- Chromebooks replaced after 4 years*
- [Inventory by Age and Location](#)

*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 Replacements Summary

Needed Equipment Based on Age of Devices

- 95 Laptops
- 547 Chromebooks
- 0 Desktops

- Total: 642 units up for replacement

Equipment Detail

- **Equipment 1-01-052-15-540**
- Replacement Laptops (qty **95**@ \$361 each) **\$34,295**
- Replacement of Chromebooks (qty **547**@ \$225 each) **\$123,075**
- Replacement Projectors (qty **20**@ \$1000 each) **\$20,000**

Total estimated cost: **\$177,370**

Budgeted Amount: **\$90,850**

Difference: **-\$86,520***

*Bridge the gap through lease/line of credit recurring payment, consortium purchasing. Purchasing Chromebooks instead of laptops. We are also looking for efficiencies in this year's budget to reduce the replacement needs.

Repairs and Maintenance Detail

- **Repairs and Maintenance 1-01-052-15-323**
- Maintenance contract for leased fiber optic WAN **\$10,800**
- Spare parts inventory and server maintenance contracts **\$4,000**
- Software licensing **\$3,000**
- Projector bulbs and replacement parts for Smart Boards **\$5,000**
- Total: **\$22,000** **\$0 increase**

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 Detail

- **Dues and Fees 1-01-052-15-640**
- Fortigate Firewall Annual Support and Maintenance Contract **\$7,950**
- Extreme Networks wireless and switch support contract **\$5744.15**
- IO Insights IO Education annual license **\$32,100**
- Discovery Education Streaming Service annual subscription **\$18,750**
- State of CT Internet Access CEN **\$5,400**
- Discover Video Support contract **\$6,436.10**
- Smart Notebook Software Subscription **\$3,000**
- VEEAM Backup Support contract, VMWare support contract **\$3,100**

Dues and Fees Detail

- **Dues and Fees 1-01-052-15-640 ctd**
 - Appraver SecureTide Spam and email virus filter **\$3,600**
 - Applitrack Online Application system **\$4,661.66**
 - Panda Cloud Antivirus Support Contract **\$4,950**
 - Telemate Netspective Web Content Filtering **\$5,800**
 - Qscend School and District web sites **\$6,500**
 - Encyclopedia Britannica Online Subscription **\$4,400**
 - PowerSchool Support Fee **\$19,000**
 - ITwork order requests maintenance contract **\$2,418.15**
 - SchoolMessenger Subscription **\$5,450**
 - Destiny Library Manger Support Contract **\$5,514.81**
 - Total: **\$144,774.87**
- Net -**\$825.13 decrease** (no programs lost or cut, decrease in AV licenses)

Technology Account Summary

- Repairs and Maintenance 1-01-052-15-323

\$0 increase

- Equipment 1-01-052-15-540

\$0 increase

- Dues and Fees 1-01-052-15-640

-\$825.13 decrease

Total Budget: \$258,424.87 = -0.32% decrease

Thank You

Questions?