

Technology Board Report

Desktop Systems

Completed the installation of the HS Copier with Schwab Company. The High School Office now has full color print, scan, and copy capabilities.

Looking into smaller laptops, similar to Chromebooks, but running Windows to increase our device to student count. With our high-capacity software in our computer based programs, adopting a Google Apps, or other ecosystem is an unnecessary hurdle if it can be avoided. However, as the hard labs adopt more and more software based tools and instructional content, smaller Windows 10 based 'netbooks' as they used to be called may afford us more devices per classroom. The disadvantage is they will be far less powerful than what we have been buying, and I anticipate a shorter lifecycle.

Installed LogixPro simulation software on laptops in Electrical Engineering to support PLC training. Worked with Corey Long with licensing, and what appeared to be software bugs with the simulation software, but we believe we have everything figured out.

Rebuilt several staff/faculty computers, in some cases with Windows 10/Office 2016 on as needed bases where performance, or other issues were presenting.

Several routine maintenance projects and upgrades on systems, applications, and network connections.

Applications and Database

Continue to work with the Admissions Coordinator to improve the Admissions application database to both suite the needs of the import process to Infinite Campus, as well as streamline processes.

Several PIMS reports were submitted, improved, and analyzed.

Network and Server Systems

Upgraded the network backbone to 10GB, replacing all the switches in the data center closet, and the remote high school switch closet. The adoption of 10GB across the newly installed Fiber that was grant funded by e-Rate over the summer affords us greater bandwidth between our network and wireless devices and on premise applications and storage. Theoretically it also reduces latency and can improve internet performance in some instances.

Ramping up eRate proposals for a wireless network upgrade.