

Technology Board Report

Infinite Campus Upgrade

Infinite Campus manages our server for that software. That hardware was originally installed in 2014. It was scheduled for replacement under the maintenance contract. This only required a little of our time to physically install the hardware in our rack, and a few hours of downtime to complete. There were a few small interruptions to external applications and processes that we bind to this database, and asset repositories. Specifically, the staff ID badge plan, the District Portal, and the internal eDesx internal web-report card and password management system are integrated, and we are working through resolutions for each.

Infinite Campus Reports

A few reports that aggregate and detail the certifications earned have been developed or improved to aid internal and district review, as they explore career experience artifact reporting expectations.

ECTS Website

The website review committee has largely completed our wants and needs portion of the process. I have developed and presented new layout renderings with the Administrative Staff, and the committee for review. The aim is to have the new website launched prior to the end of this school year, rather than waiting for next school year where things tend to be much more hectic.

Server Maintenance

Our System Center Configuration Management server that manages updates and application deployments was in significant need of maintenance. We had to completely rebuild it and now it is running the latest version. We use this for significant internal automation and management of all servers and computers. It however continues to run on aged hardware that was decommissioned from our primary production in 2014. This service was not a part of the 2014 capital plan, but since Windows 10 has become necessary, so for now we are managing with what we have.

After updating the System Center a few disruptions were caused due to new compatibility and security advancements. We have been working through them.

We have two Windows 2003 virtual guests whose decommission has repeatedly been postponed for other greater impact priorities. We have returned to this need and hope to eliminate all servers that are older than Windows 2012 R2 by the end of summer. We either need to migrate the service to a newer server, or upgrade the system to at least Windows Server 2012 R2 for security and stability of our data-center plant.

Cloud and District Device Support

We continue preparing our Office365 and Google Apps Tenant for the school. We need this for our faculty, staff, and students to leverage these services. As our students have become more and more familiar and dependent on these services in their home district, there has been an uptick to support them in our classrooms; especially as we improve our embrace of these district 1:1 devices in our classrooms. To further support these devices, we need to build a Virtual Desktop Infrastructure (VDI) to provide application access and licensing of our technical education specific software, and further develop a printing solution that is open and platform agnostic.