
New Initiatives for the 2011 – 2014 Technology Plan

Information Access:

1. Continue use of off-site hosted management software services where possible (Sungard student and financial software) to facilitate concentration on network management, throughput, and security.
2. Continue current internet access service and increase bandwidth if needed
3. Continue website hosted services (Schoolwires)
4. Continue web-based parent and notification services such as Global Connect and Pick-A-Time for parent conference sign-up.

Infrastructure Work:

1. Continue with additional file server replacements utilizing server virtualization as needed to facilitate information access district-wide.
2. Continue with re-building the district's infrastructure including:
 - a. Replacement of network cabling in areas of Radnor High School, Wayne Elementary, Ithan Elementary, and the Administration Building.
 - b. Continue the replacement of network switching equipment in all buildings.
 - c. Implementation of a 10GB backbone connection between school buildings to the Administration Building.
3. Provide for increased data storage and backup / recovery needs.
 - a. Acquisition and implementation of multiple redundant storage area networks (SANs) for each building.
 - b. Acquisition and implementation of an additional email server to handle growing data storage and achieving.
 - c. Acquisition and implementation of additional tape backup libraries for backing up information.
4. Replacement of wireless access points and the wireless controller at the High School.
5. Continued replacement of non-instructional support staff computers where needed.
6. Acquisition of additional firewall appliances at the school building level for internal network traffic protection.
7. Training for technical staff in areas of network security, server virtualization, network switching equipment (wired and wireless), and other emerging technologies.