

Updated Technology Components

The technology was designed to accommodate a staff of 100 +/- and a student population that fluctuates between 560-600 students. Consideration was given to the needs of this community, the applications they need and the curriculum requirements. The details are as follows:

Phone Service

- AT&T is the provider for Local, Long Distance and Internet.
- 1 PRI ISDN T 1.5 for voice with 300 DID numbers
- 4 Prime Path business lines
 - Note: In addition, the business lines and cell phones offer disaster avoidance coverage.
- AT&T Mobility provides multiple cell phones.
- NEC Univerge SV8100 internal phone system
 - Approximately 187 users are supported with phones in all classrooms, offices, and gathering spaces. The phone system is supported by a UPS for 2 hours of service.

Network

ISP

- 100MB Dedicated Fiber Cable connection for Internet Access
- 1 Bonded T1 Managed Internet Service with a Managed Router for Internet access
- These two systems are configured for load balancing/redundancy

Network and Server Hardware

- **Email Server:** Exchange Server 2007
- **Two Domain Servers:** Windows Server 2008 R2 Enterprise
- **Four Application Servers:** File server, Print server, Virus Scan Server, ParishSoft Server
- **Spam Filter:** Barracuda
- **Firewall :** Meraki/Cisco
- **Content filtering:** Meraki/Cisco

- **Backup/Recovery:** Barracuda Backup server
- **SPAM protection:** Barracuda SPAM Filter
- **LAN/Internal Network:** Ethernet 10/100/1000 Wireless A/B/G/N/AC
- **Fiber Optic:** Connecting floors and buildings across campus
- **Wireless:** Meraki/Cisco 100% Campus Coverage via access points
- **Switches:** HP Procurve 2910al, 2626 Managed Switches, housed in 7 IDF rooms across campus

User Device Support

- **User Device:** 150 Laptops, 97 Desktops running Windows 7 Pro. They are networked through wireless and LAN connections
- **Mobile User Device:** 71 Apple iPads
- **Microsoft Office Suite:** MS Office Suite 2010
- **Antivirus:** Vipre Business
- **Projection Devices:**
 - 51 networked projection devices permanently installed in classrooms, cafeteria, and auditorium
 - 6 mobile projectors
 - 46 AppleTV devices installed as companion hardware with each installed projector
 - 1 mobile AppleTV device
 - 2 Document Cameras
- **SMART Interactive systems:**
 - 42 Installed SMARTBoards
 - 2 SMART Interactive projectors
 - 5 SMART Response kits

Web Hosting: Systems Alliance for the Parish/School website, and eChalk for the teacher websites