

School Network Cleanup, Rewiring & Aruba Upgrade

Academy Prep Center of St. Petersburg | Professional Project Portfolio

Hector Velez

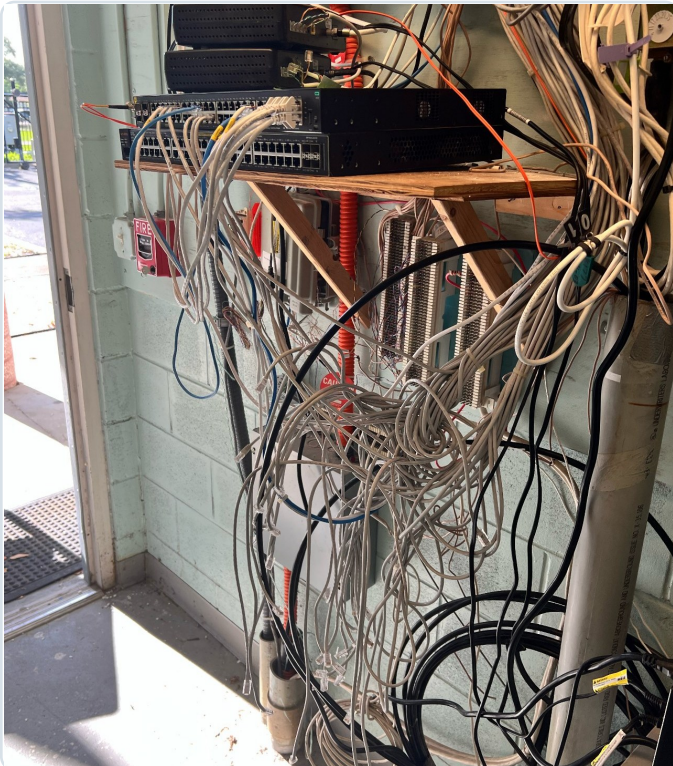
IT Administrator | Network Infrastructure

PROJECT OVERVIEW

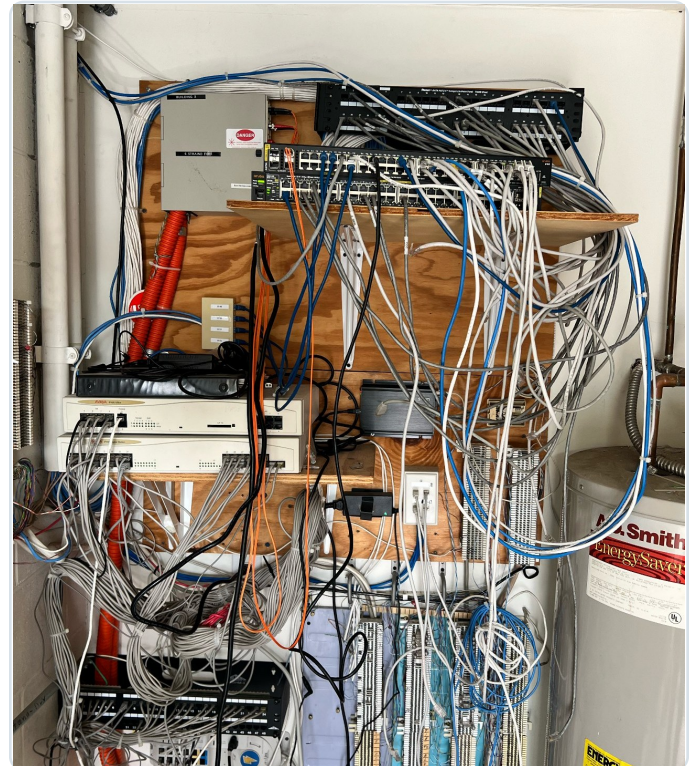
Upgraded and reorganized the school network infrastructure by removing outdated cabling, installing and labeling new network connections, and setting up Aruba networking equipment to provide reliable connectivity throughout the campus.

PROJECT DESCRIPTION

At Academy Prep Center of St. Petersburg, I helped clean up, rewire, and organize the school network infrastructure. I removed unused and poorly routed cables, installed and labeled new Ethernet connections, and organized network equipment to make future troubleshooting and maintenance easier. I also assisted with setting up Aruba network equipment to connect classrooms, offices, computers, wireless access points, printers, phones, and other school technology. After installation, I tested network connections, corrected connectivity issues, and confirmed that devices communicated properly.



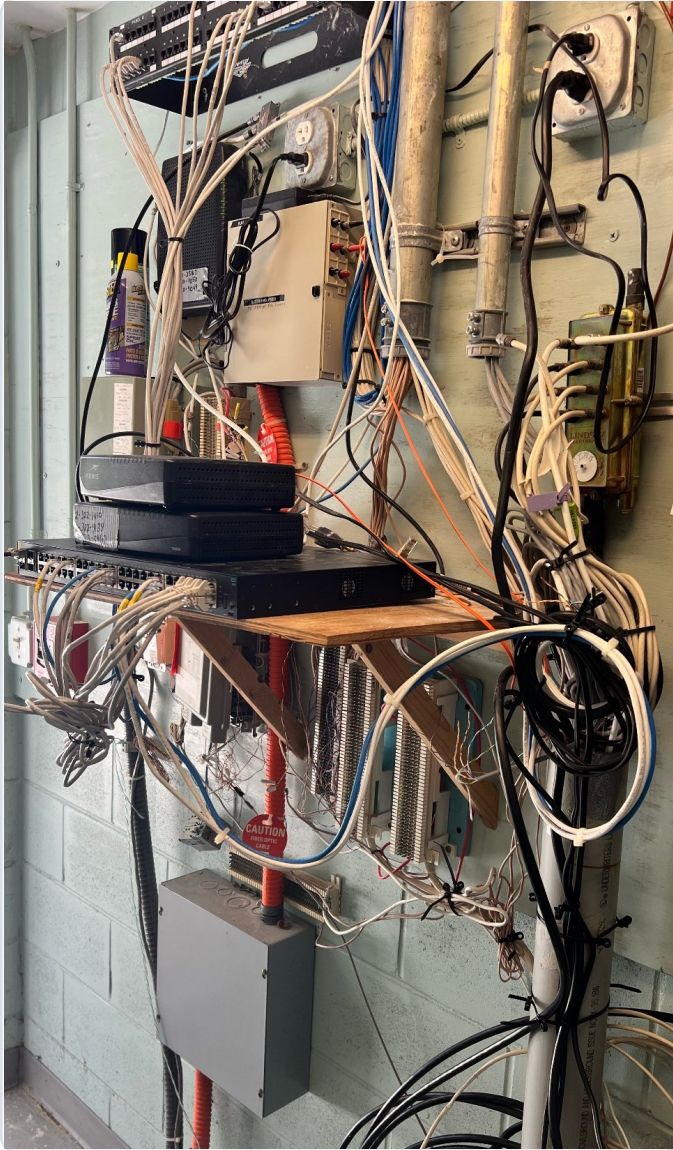
Initial network area showing outdated, unorganized, and disconnected cabling.



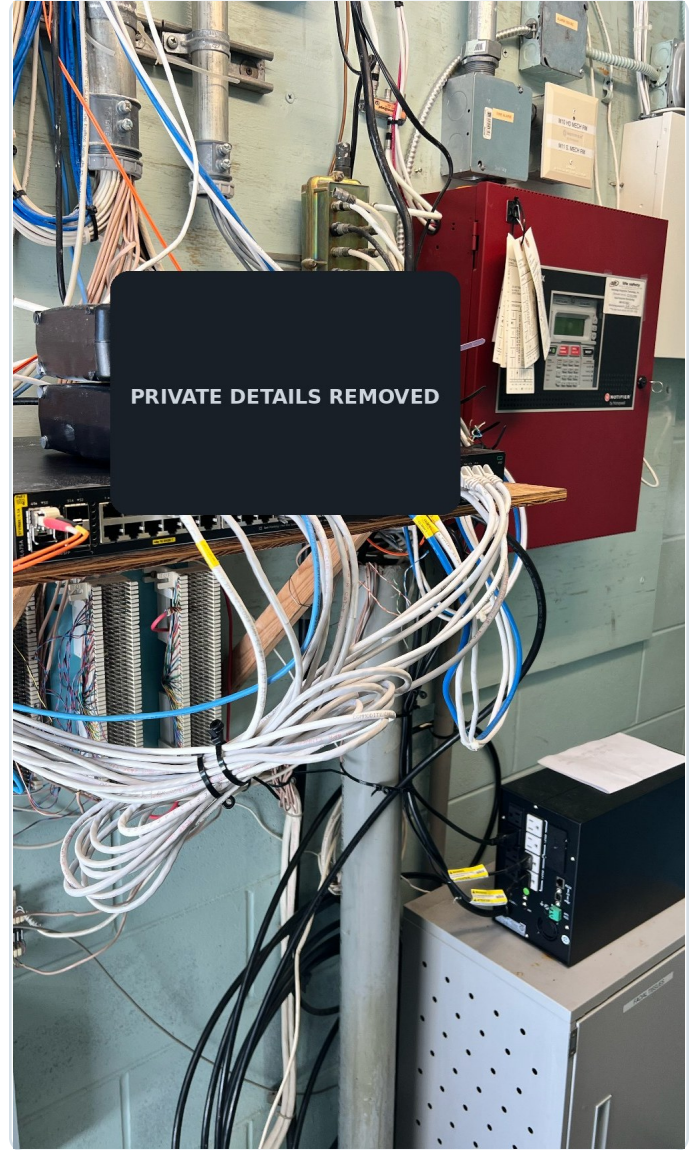
Full infrastructure view used to identify active systems and plan the cleanup.

Project Documentation

Network cleanup, cable organization, equipment setup, and connectivity testing



Cabling cleanup and route organization in progress around the network equipment.



Aruba switch connectivity, labeled Ethernet runs, and network equipment organization.

SKILLS DEMONSTRATED

Structured cabling

Removed obsolete cabling, routed active Ethernet runs, and improved physical cable management.

Labeling & documentation

Labeled connections to improve identification, maintenance, and future troubleshooting.

Aruba networking

Assisted with switch setup and connecting classrooms, offices, access points, printers, and phones.

Testing & troubleshooting

Verified network connectivity, corrected connection issues, and confirmed device communication.