

General Project Information

Replacement of Network Access Switches

Project: Technology Infrastructure

Project Description: Replacement of network access switches, upgrade of wireless access points and controllers, network security infrastructure, and server lifecycle and growth

Project Priority: 1

Background & Justification: The district access switches need to be retrofitted to maintain operability. At end of life, the vendors stop making security updates that leave the devices open to new exploits as they are discovered. The requirements continue to grow as well. These switches will now power the phones, wireless access points, security cameras and door access control. Due to the critical nature of some of services, the switches need to have the technology to be resilient and continue operating with a power supply failure as well as redundant upstream connectivity. Campus Core Switch will be installed at each school to allow for increased performance and throughput to both the Education Support Complex and second datacenter to allow for more resilience at higher speeds. The network switches typical lifespan is 10 years.

