



Case Study: St. John's Preparatory School



Summary: St. John's Preparatory School of Danvers, Massachusetts, is a Catholic education campus for Middle & High school education (grades 6-12). 1100+ students in the high school and 300+ students in middle school.

Challenges: The client wanted to upgrade entire campus to new Aruba switches. This was a live environment cut-over and the client needed as little or no down time as possible.

Solution: WCA performed an IT assessment and then provided a proposal to perform the 26 new Aruba switches throughout the campus facilities.

Benefits: The solution implemented at St. John's Preparatory School provided a smooth installation with extremely little down time. The details of this install are as follows:

- 26 New Aruba switches configured & installed in 12 different campus building
- Airwave was utilized to monitor and manage switches and switch configuration, provide a platform for a top down view of the wireless environment of each building/floor to assist with fine tuning the wireless environment. A utility to pinpoint network issues monitoring Association time, DNS response, DHCP response, authentication time.
- Minimized interruption to daily schedule

Client Testimonial: "WCA replaced our 80 + Extreme switches all over Campus just under 3 weeks, about half of that time was to keep the school up and running to minimize impact to teaching and learning. One other challenge this project had was the age of our buildings from over 100 years old to 2.5. The WCA Engineers were professional and provided expertise on the Aruba platform, including Aruba ClearPass. I was impressed with how smooth the project went when changing out about 5000 wired ports, as well dealing with our IOT devices in our newer buildings."

Industry

6-12 Education
Danvers, MA

Environment

- 1,100+ High School
- 300+ Middle School

Challenges

- Aging switches infrastructure
- 12 buildings over a 175 acres
- Live environment cut-over

Solution

- Install 26 new Aruba switches
- Install Aruba AirWave