



## Case Study: Springfield Police Department - Cisco Switch Refresh



**Summary:** The Springfield Massachusetts Police Department, is a public law enforcement agency in the largest urban city in Western, MA with a population of nearly 154,000. The Springfield Police Department has 150 end users.

**Challenges:** The assessment of the client's environment was done in March of 2011. They at that time had 20+ aging Cisco switches throughout the location and Data closets. WCA also proposed to upgrade the fiber between Data closets as well as totally supply all new cable management connecting these new switches. For the purposes of this engagement WCA provided a sample design for virtual infrastructure components, pricing, and a methodology for the project corporate programs.

**Solution:** The solution included the installation of the new Cisco Nexus 31108 switch as well as 20+ 9200L Cisco switches throughout the facility. The existing connection between Data closets would be drastically improved with the proposed new cable connection. Minimal disruption to the day to day business connectivity was a necessity.

**Benefits:** The new Cisco switches solution has greatly enhanced SPD's data center. The details of this install are as follows:

- Configured/tested/installed 1 Nexus 31108 Switch
- Configured/tested/installed 20+ Cisco 92L Switches
- Upgraded the fiber cable between all Data closets
- Upgrading all switches was the perfect time to re-cable all patch cords with the WCA Wire Management protocol
- Transferred knowledge to IT staff
- Minimal interruption to daily schedule
- Designed solution implemented met the clients requested needs

### Industry

Municipality / Law Enforcement

### Environment

- Cisco Switches
- 4 Data Closets with various problematic cabling

### Challenges

- Reducing Costs
- Replacing aging switches
- Lagging data & communication

### Solution

- New Cisco Nexus 31108
- Replace 20+ Cisco switches
- Upgrade fiber between data closets