

SARCOM Moves City Government Office to Gigabit Ethernet Backbone

The Challenge: A local government office needed to switch to a Cisco network.

A local government office was looking at upgrading its ATM-based campus network to a newer more capable Cisco network. They contracted SARCOM to develop a strategy and migration plan to move the city's current ATM network backbone to a Cisco Gigabit Ethernet backbone.

The Solution: The SARCOM team provided newer, faster service.

SARCOM recommended a solution that moved the city to a newer, more capable Cisco Gigabit Ethernet network. The newer network provided the following features:

- overall increased performance
- simpler design
- three-layered switching capability throughout the city

This project included these necessary steps:

1. initial configuration
2. deployment
3. testing
4. migration
5. documentation of the proposed Cisco solution.

The total time to complete this migration was under 160 hours. Because the City's key services (Fire, Police and Emergency 911) were using the

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current ATM network, a very systematic approach was created to ensure that no network outages affected any of those key services. The SARCOM migration plans included a parallel installation strategy so that key service areas could be migrated without downtime.

SARCOM used the following hardware and/or services:

- Cisco GigE
- Project Management

The Results: SARCOM's team completed on-time and within budget.

- Project completed on-time and within budget guidelines outlined by the city
- Parallel installation strategy resulting in 0 downtime during transition
- Customer network now poised for future growth