

Greater New York Multi-tenant Organization 35 Locations

A multi-tenant organization mired by outages and increases in IT OPEX positioned information reliability, infrastructure, Wi-Fi, and compliance as its highest priorities. It serves thirty-five locations with a suite of applications in order to provide credit card processing and local services through its locations. These systems needed to be available to staff at corporate headquarters and multi-tenant locations on a regular consistent basis. Undoing years of complex configurations throughout a large network is a difficult task and the firm needed a highly skilled and trusted partner for such an intricate undertaking.



Key to success: Designing a simple yet secure network capable of scaling that was well documented, color coded, simple to manage while remaining under budget.

Challenge

- Antiquated network topology and design
- Single points of failure throughout the network
- Frequent service outages
- Network not PCI compliant
- No transition plan
- Lack of site and network documentation
- Little understanding of the network topology
- Lack of infrastructure standardization at remote sites
- Telco Rooms unorganized
- Poor Wi-Fi coverage in locations
- No infrastructure to support Wi-Fi expansion
- Aging premise based IP-PBX solution

Solution

- Network topology designed, documented, and implemented for optimal performance
- Fully redundant layer 2 and 3 network
- Clean, elegant and organized Telco rooms
- Optimized Wi-Fi coverage
- Upgraded to state of the art HPBX solution at a lower cost
- Improved network performance
- Reduced service outages
- PCI Compliant network
- Fully documented network
- Execution of transition plan per site
- Color coded wiring schemes

Result

Spectrotel greatly increased the customer's network security posture while simplifying the overall network topology. The new network design is redundant and fault tolerant. Management of users and security has been centralized and simplified greatly. This organization now has network diagrams and documentation at a level never achieved prior.