CASE STUDY – GOVERNMENT

HOW SPARKLIGHT BUSINESS USED FIBER-OPTIC ETHERNET AND DIA SERVICES TO HELP USERS ACROSS A COMPLICATED NETWORK EASILY SHARE VITAL INFORMATION.

CLIENT

Sparklight Business worked with the City of Sherman, Texas to replace their dated WAN with a new state-of-the-art fiber-optic Ethernet solution in order to support the City's new communications system while providing more efficient use of their Internet bandwidth across 13 different site locations.
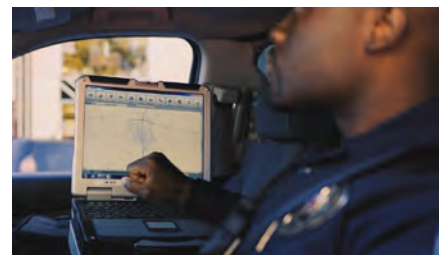
CHALLENGE

When the City of Sherman decided to upgrade its telephone system, city officials knew they also needed to improve the performance of their WAN. "We fulfill the critical need of delivering quality, affordable health and safety services for all Sherman residents," said Robby Hefton, City Manager for the City of Sherman. "Honoring our commitment to the people we serve means we need to have the most efficient, yet cost-effective systems.

SOLUTION

In order to tie their 13 locations together, the City of Sherman decided to take advantage of Sparklight Business' 100% fiber-optic Ethernet and DIA services. A 1 Gig Ethernet with 100 Mbps Dedicated Internet Access was prescribed. This solution would improve the city's network performance and as well as expand its capacity.

Fiber-optic Ethernet service enables customers to connect physically distributed locations across a Wide Area Network (WAN) as if they are on the same Local Area Network (LAN). The service is delivered over Layer 2 Ethernet, which provides simple, widely-used connectivity between sites. It's also a cost-effective alternative to traditional network topologies, offering a more flexible and scalable network solution.

"It's our job to ensure the health, safety, and well-being of our citizens, so when we looked for a telecommunications partner that would be reliable and trustworthy," Hefton commented. "Our experience with Sparklight Business has been overwhelmingly positive. It would be an easy choice to turn to them for another project."

"This configuration allows for an entire city network with multiple locations and hundreds of devices to function as if every employee and every device is in the same office."

Chris Boone
Vice President of Business Services, Sparklight Business
Sherman, TX

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