



CASE STUDY – HEALTHCARE

HOW SPARKLIGHT BUSINESS DARK FIBER DELIVERED 100% UPTIME AND INCREASED SECURITY AT A PRICE THAT WORKED FOR COMMUNITY HEALTHCARE.

CLIENT

Sparklight Business built a completely new, state-of-the-art dark fiber network for Medical Center Health System in Odessa, Texas in order to allow the Level II Trauma Center's multiple, diverse locations to access critical information and medical records via the cloud.



CHALLENGE

The Medical Center Health System decided it was time to move to an entirely fiber optic network to connect all 13 locations together. In order to adequately meet their needs, Sparklight Business knew dark fiber would be the best solution to help the city improve its network performance and expand capacity.



“Sparklight Business was incredible to work with. They were very impressive in meeting the aggressive buildout schedule. All of our locations were up and connected, successfully meeting our crucial start date.”

Brad Shook

Director of IT Operations,
Medical Center Health System
Odessa, TX

“We fulfill the critical need of delivering quality, affordable health and safety services for Odessa residents. It is critical that a healthcare system like ours have 100% uptime,” said Director of IT Operations Brad Shook. “We needed every building to have a redundant dark fiber path that goes out in different directions to terminate to different buildings, so if either one of those lines get cut, we’ll still be up and running.”

“We require the security of redundancy because it’s incredibly important to have real time access to patient’s electronic records,” said Shook. “Even if there were to be a brief downtime glitch, it is incredibly challenging to have quick access to patient’s physical paper records. In short, we have great trust in this new system.”

SOLUTION

Access to strong, reliable technology is vital to any modern businesses’ operations, and especially in the healthcare industry. When Medical Center Health System decided to transition to dark fiber, Shook said they chose Sparklight Business because of the reliability and affordability of its dark fiber product.

“We designed a network that would allow MCH to designate specific bandwidth assignments to each location to ensure more efficient usage,” said Vice President of Business Services Chris Boone. “This configuration eliminates the need for VPN tunnels, which can cause significant lag, and allows 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. This fiber-optic solution was a perfect match for them and helped in reducing their costs.”