



Temporary Healthcare Facility

Meet Dr. Hernandez

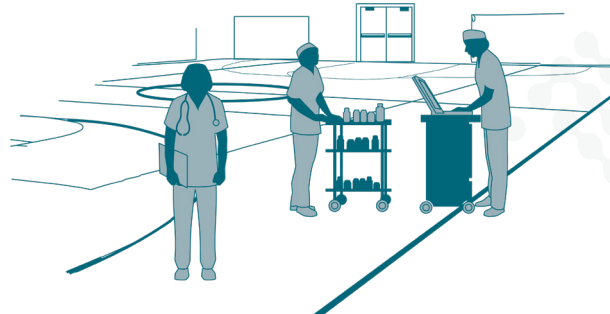


Dr. Hernandez is an emergency room director tasked with setting up temporary healthcare facilities for patient triage and overflow patient care from his local hospital. These temporary facilities include a gym at a local high school and tents set up on the high school football field.

THE CHALLENGE

ENSURE CONNECTIVITY WITH THE HOSPITAL AND ACCESS TO CRITICAL PATIENT RECORDS

Ensuring the success of these temporary healthcare facilities is dependent on having ongoing access to critical information such as patient records, test results, and supply chain status. The high school gym has local Wi-Fi capabilities, but no secure high-speed connectivity or connections for Ethernet devices. The tents on the football field have no Wi-Fi or internet access beyond cellular phones.

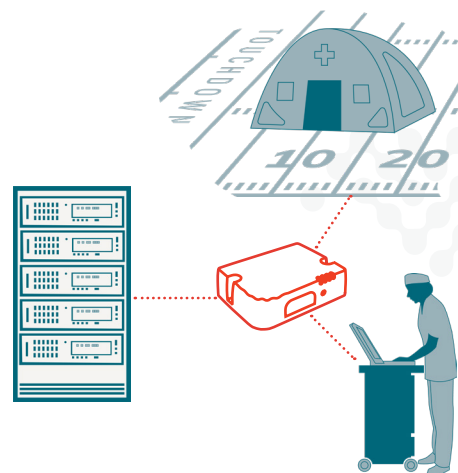


THE SOLUTION

ADDING WIRELESS ROUTERS CONNECTS CRITICAL CARE SYSTEMS

For the gym, Dr. Hernandez selected the Sierra Wireless AirLink® RV50X router. The RV50X is a Cat6 LTE-A device with 300 Mbps download and 50 Mbps upload speeds. It connects hardwired devices through an Ethernet and serial port and can provide security via VPN.

For the tents, Dr. Hernandez chose the Sierra Wireless RV55 router. The RV55 is a Cat12 LTE-A Pro device with 600 Mbps download and 150 Mbps upload speeds. The RV55 also includes a Wi-Fi router that connects up to 20 devices including cell phones and tablets. Both routers are designed to operate in harsh field conditions.



THE RESULTS

EFFECTIVE TRIAGE AND PATIENT CARE

The Sierra Wireless routers enable Dr. Hernandez to communicate and receive critical patient information from within the temporary healthcare facilities. His teams are also able to effectively connect medical devices and prepare documentation such as labels for testing, all while ensuring patient confidentiality.

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