How LTE and 5G Enable Healthcare Transformation

Healthcare today is marked by its technology-enabled reach, with providers extending coverage to more locations and in a wider variety of ways than ever before. Advancements such as telehealth, Bluetooth-connected devices, live streaming from ambulances, and pop-up temporary care sites help deliver services to people where they need it, when they need it. Cradlepoint's NetCloud Service and cellular-enabled wireless edge routers and adapters use LTE and 5G to reliably connect medical professionals anywhere.

SOLUTION Wireless Edge Routers & Adapters ▪ Cloud-Based Network Management ▪ Wi-Fi & Bluetooth

IoT in Healthcare

Whether in a fixed or temporary location, medical experts use devices and applications to monitor environmental and patient data from connected medical devices, which helps them provide the appropriate care. A wireless edge solution that supports Bluetooth can safely send information from these IoT devices and sensors directly to the cloud, allowing off-site specialists to analyze and respond to real-time data.

Pop-Up Clinics

LTE and 5G routers for pop-up locations allow healthcare groups to quickly set up temporary sites such as testing and vaccination facilities anywhere, without needing a wired connection or even an on-site IT professional. However, the IT team can still monitor and fine-tune connectivity and security centrally through a cloud-based network management platform.

Clinic Within a Store

Many clinics and pharmacies are located within a larger store or even a skilled nursing facility. To keep patient information secure, most of these in-store offices have to bring their own network. An all-in-one Wireless WAN solution with enterprise-grade security can provide secure cellular-based connectivity that is completely separate from the host site's network.

Ambulances and Medical Vehicles

Communication of an incoming patient's status between medical vehicles and hospitals is crucial for treating injuries correctly and quickly — especially for time-sensitive scenarios such as a person sustaining a stroke. High-performance, always-available connectivity supports on-board video communication and data transfer en route to the nearest care facility.

Telehealth

Telehealth visits are commonplace today for all types of care. LTE and 5G routers can be sent home with doctors and/or used in a clinic, enabling high-bandwidth, low-latency video streaming on either end of a telemedicine appointment.

Learn more at cradlepoint.com/healthcare