ERICSSON

How 5G and LTE enable healthcare transformation

At-a-glance:
Healthcare

Solution:
Wireless edge routers & adapters

Cloud-based network management

SD-WAN & zero trust

Modern technology has transformed the healthcare industry, with providers extending coverage to more locations and in a wider variety of ways than ever before. Advancements such as telehealth, medical IoT devices, pop-up care sites, and integrated care delivery networks provide services to people when and where they need it. 5G and LTE connectivity, cloud-based network management, and SD-WAN and zero trust security solutions are key to ensuring that medical professionals, patients, and critical applications stay reliably connected, for efficient, timely, and effective care.

Medical cart connectivity

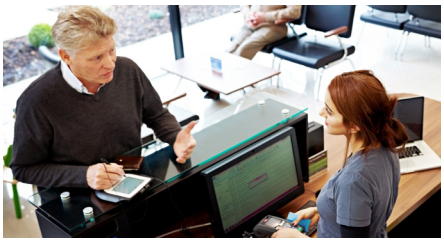
Today, monitoring of hospitalized patients is often accomplished with the help of medical carts equipped with Wi-Fi or Bluetooth-enabled devices. Cellular networks ensure that patient data reaches electronic health record systems and medical professionals reliably, securely, and in real time.

Home hospital monitoring

Remote patient monitoring kits depend on reliable connectivity, particularly for post-hospitalization care where health professionals must be notified immediately if a patient is in danger. Cellular WANs provide reliable, secure connectivity for transitional care data, without costly, complicated setup.

Pop-up care sites

5G and LTE routers allow providers to quickly set up temporary sites for screening, blood drives, and more, without a wired connection. IT teams can work remotely to monitor and fine-tune connectivity and security through a cloud-based network management platform.



IDN clinics and centers

Distributed clinics, ambulatory care and imaging centers, and labs centers need seamless, reliable access to healthcare networks' centralized billing, booking, patient records, and imaging systems. Cellular-optimized SD-WANs with zero trust security enable full visibility and centralized management across all healthcare system sites.

Private hospital network

Private 5G and LTE networks alleviate network congestion, secure sensitive data, and deliver interference-free connectivity with long-term affordability. These networks can be easily managed with simple, scalable coverage to connect providers, patients, and devices across healthcare campuses.

Operational IoT

IoT in healthcare extends beyond patient care to functions that enhance operational efficiency, safety, and facility management. This includes automated cleaning systems, smart inventory management, environmental monitoring, and more. Cloud-based cellular WANs simplify IoT management, keeping critical systems online.

Learn more at cradlepoint.com