

Solutions for Hospitals and Clinics

Cellular Coverage, Private 5G, and IoT Sensing



Empowering Clinical Operations, Staff Mobility, and Secure Connected Care

Modern hospitals and clinics depend on reliable cellular connectivity to keep care teams connected, support critical workflows, and enable access to information anywhere in the facility. Yet patient rooms, treatment areas, diagnostic departments, stairwells, basements, and large multi-building campuses often suffer from poor indoor cellular coverage where outdoor signals struggle to penetrate. As a result, staff communication can be disrupted, clinical workflows delayed, and patients and families may experience difficulty staying connected during their care journey.

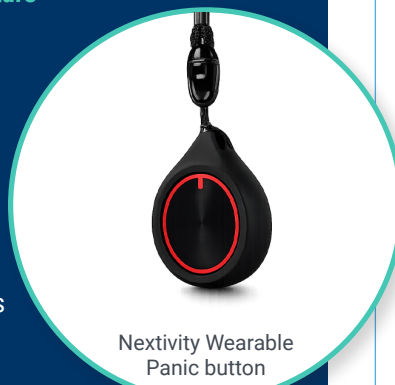
Nextivity addresses these challenges with a layered connectivity approach built on CEL-FI QUATRA infrastructure. The solution delivers reliable public cellular service for staff, patients, and visitors, private 5G networking for secure clinical communications, mobile workforce applications, and connected medical devices, and scalable IoT connectivity for monitoring, asset tracking, safety, and operational insights. By supporting seamless mobility throughout the facility on a shared infrastructure, healthcare organizations can improve care team collaboration, protect sensitive information, streamline operations, and create a more connected and efficient care environment.

One Infrastructure. Multiple Applications.

Leverage a single Nextivity cellular and private 5G infrastructure to support communications, safety, and smart facility applications across hospitals and clinics.

A single Nextivity infrastructure can:

- Support panic and emergency call buttons
- Enable asset tracking for critical equipment
- Provide occupancy monitoring and utilization insights
- Detect water leaks and environmental events
- Support secure staff communications and mobile workflows
- Scale for future healthcare technology initiatives



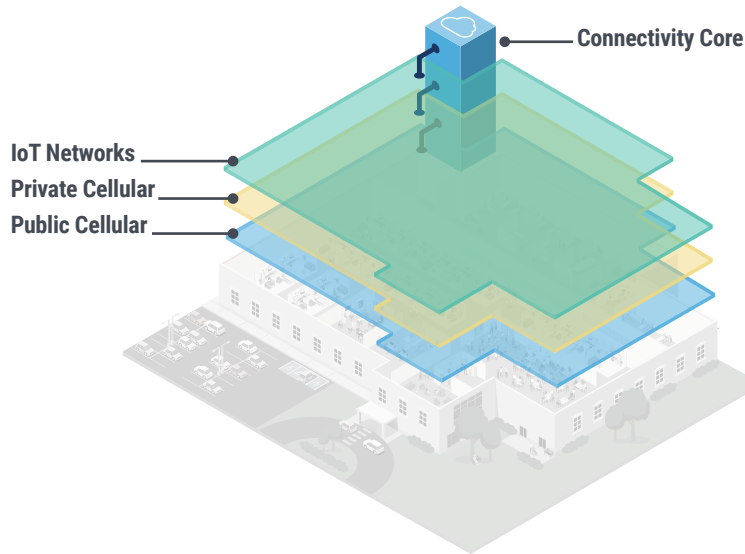
Nextivity Wearable
Panic button

Why Cellular and Private 5G?

- ▶ **More secure than traditional Wi-Fi** with carrier-grade authentication and controlled network access
- ▶ **Private 5G connectivity** for sensitive healthcare applications, connected devices, and operational systems
- ▶ **Reliable coverage while moving** throughout the facility without interruptions
- ▶ **Consistent performance** across patient care areas, administrative spaces, and campus environments
- ▶ **Business continuity for critical communications** and operational workflows
- ▶ **A scalable platform** for clinical mobility, IoT, asset tracking, and future digital transformation initiatives

Connectivity Infrastructure: Unified Wireless Communications Platform

Nextivity offers a unique approach to facility connectivity, combining public cellular, private 5G, and IoT sensing on a single CEL-FI QUATRA DAS infrastructure. Our solution delivers reliable communications today while reducing complexity and cost as needs evolve. This layered, “design once, support everything” approach provides a future-ready foundation for safety, automation, analytics, and smart building innovation.



Public cellular connects people.
Private cellular connects care teams.
IoT creates safe spaces.

Recommended Products



CEL-FI QUATRA
4000c/e



CEL-FI QUATRA
100M (5G)



SMART SERVER
ANTENNA

Creating Safer, More Connected Care Environments

Cellular, Private 5G, and IoT Use Cases

