

Private LTE/5G Mobile Network

Experience predictable, secure communications with unlimited data.

Unlimited Control: How Private LTE/5G Empowers Enterprises

Say goodbye to the limitations of commercial wireless networks and WiFi. With access to dedicated private spectrum like CBRS, enterprises now have the power to deploy and control their own secure, private mobile network. Private LTE/5G networks eliminate network congestion and data limit management challenges.



Guarantees coverage

- Connectivity where public networks do not exist
- Indoor / Outdoor
- Multi-building locations and venues



Secure. Full network control

- Manages users
- Access types
- Application Priority



Capacity

- Seamless, uninterrupted communication without network congestion
- Controlled latency defined by users and applications that you allow on your network

Private LTE/5G mobile network is for you if you have:

- Devices and applications that demand edge compute and predictable wireless connectivity
- Large areas that need reliable coverage, especially outdoors
- Security requirements for regulatory compliance
- Cost-effective data management requirements



IoT ready coverage

- Wide range coverage
- Seamless connectivity and mobility
- Connectivity in hard-to-reach places



Performance at range

- Engineered to scale for reliable network performance in both indoor and outdoor environments
- Stronger receiver sensitivity than WiFi



No interference

- Dedicated, shared spectrum with a cellular signal from Citizens Broadband Radio Service (CBRS)
- Engineered to scale for reliability

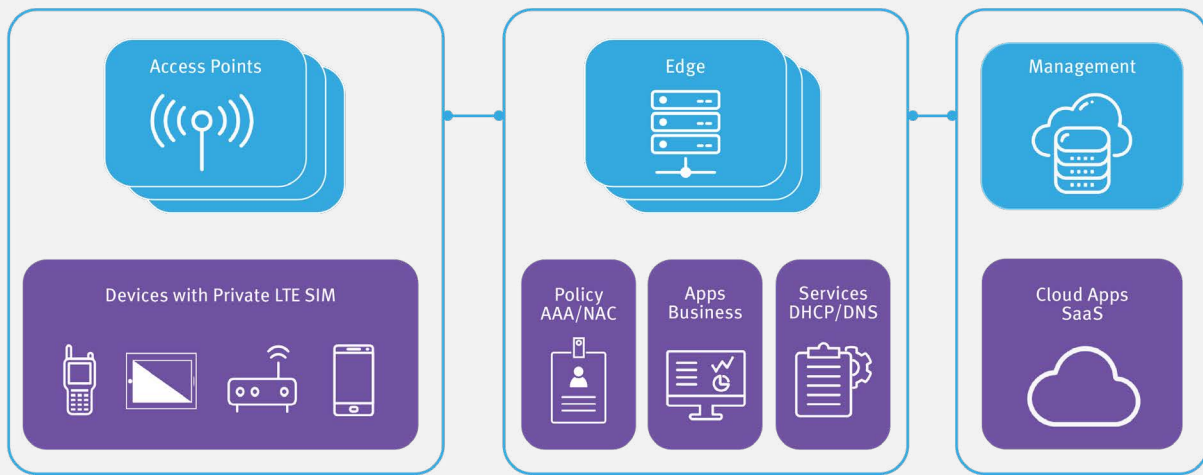
Enterprise Focused. All-Inclusive Solution.

All required components for a complete, end-to-end Private LTE Network

- Complete hardware and software stack
- Customized for indoor and outdoor environments
- Integrates with existing Enterprise Security
- Enterprise-grade QoS and Agility

Offers software defined per app and device QoS implementation, which can map directly to the existing enterprise VLAN and QoS environments

- KPI-driven operational model that focuses on app experiences



Components integrate directly into existing LAN infrastructure

Traffic forwarding adapts to existing L2/3 network segments

Enterprise policies are translated to cellular wireless policies

Scale Your Wireless Network without Limits.

Add components to accommodate growth without performance issues or downtime

Edge Appliance

- Hosts software components for EPC (Evolved Packet Core)
- OnPrem appliance allows businesses control over the security of their hardware

End Points

- Allows for direct M2M communication via ethernet or WiFi
- Customer owned and maintained (COAM) PLTE devices

Outdoor Access Points

- Up to 1 mile of coverage
- Optimized for installation on roof tops, light poles, and towers

SIM

- Allows the device to securely connect directly to the Private LTE/5G Network
- Customizable coverage patterns to fit business applications

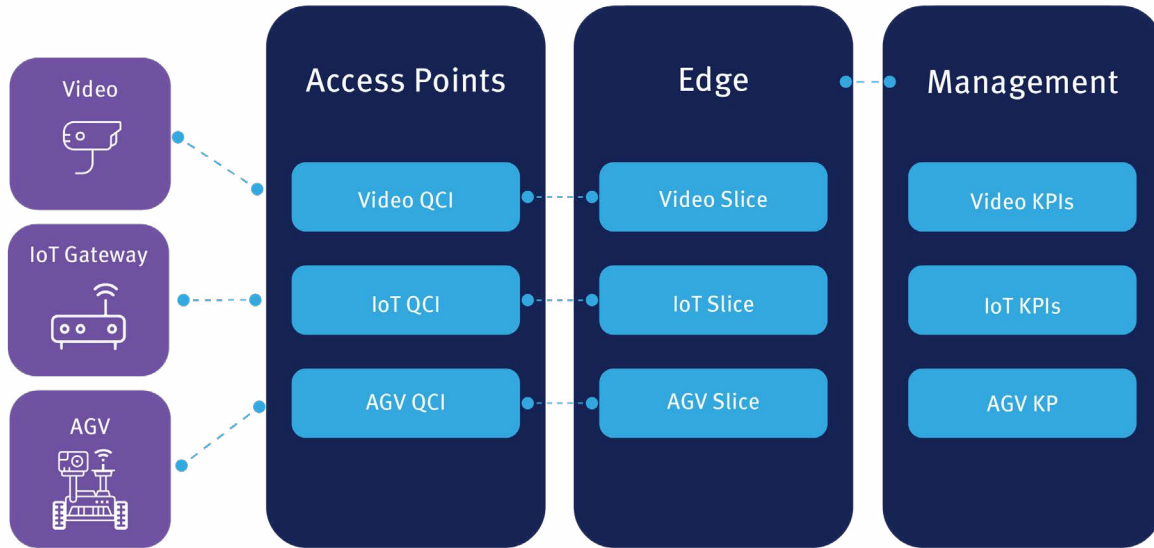
Indoor Access Points

- Provides coverage up to 25K sq ft.
- Allows a larger area of coverage typically 5x larger than WiFi



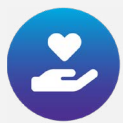
Network Slicing: Allocating Bandwidth, Improving Performance

Service levels for Quality of Service, error rate, and throughput are defined in the software: no need to touch each endpoint device.



Private LTE/5G enables Industries

Enhanced security, reliability, and customization for organizations



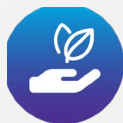
Healthcare

All locations under a single, secure platform to connect private cellphones, IoT sensors, point-of-care tablets, automation, and voice services



Hospitality

A single platform for private, secure connectivity for temporary and remote locations like kiosks, festival booths, and parking lots that require video surveillance



Transportation Yards

Private CBRS spectrum, available in rural areas, enables Agricultural operations to connect IoT sensors over a high speed, secure connection



Smart Cities

Private CBRS LTE offers a non-metered, cost-effective solution for cities looking to deploy a wireless network to support a smart city



Warehouse and Logistics

A Private Network over large geographic area provides reliable connectivity in rugged conditions



Education

Private LTE/5G networks allow administrators to extend secure, dedicated connectivity to dorms, sports venues, libraries, public areas, and remote locations



Venues

From large event venues and retail stores to malls and large distribution centers, Private LTE, often compliments existing WiFi, or provides an entirely private network



Manufacturing 4.0

High performance private network for IoT, edge computing, autonomous forklifts, artificial intelligence, connecting multiple devices and applications

