



Enabling Private 4G/5G Connectivity Across Multiple Applications Globally

Celona Private Wireless Networks and Digi devices for Enterprise Use Cases

Unparalleled Connectivity with Celona

The Problem: Wireless Coverage Holes, Disconnects, and Interference

Today's mobile enterprise requires fast, reliable, and uninterrupted wireless connections. But coverage gaps, interference, erratic performance swings and signal drops can wreak havoc on business-critical workflows. Traditional technologies like Wi-Fi or public carrier 4G/5G services were never engineered to address vital enterprise use cases. As a result, wireless coverage remains spotty, user mobility suffers from roaming hand-off issues, spectrum licensing is cost prohibitive, and reliable wireless connectivity is hit or miss.

The Solution: Guaranteed QoS, Stronger, and Longer-Range Connections

Celona and Digi Technologies have joined forces to solve the problem of reliable enterprise wireless.

Celona's 5G LAN private wireless system delivers a fully integrated 4G/5G solution across globally available spectrums that allows you to easily integrate private cellular wireless coverage across your existing network infrastructure.

Digi's versatile line of products reliably and securely connect your machines, robots, AGVs, barcode scanners, and many other devices to the Celona 5G LAN solution across multiple industries and use cases. By being 5GLAN certified, Digi devices are guaranteed to work seamlessly across globally available private wireless spectrums.

What is Private Wireless?

Private Wireless is a LTE/5G network stood up by the enterprise to exclusively cater to its wireless needs. In the U.S., most private cellular networks use the CBRS (Citizens Broadband Radio Service) band, whereas worldwide other bands like n77, n78, n79 are being used for private wireless. It offers better coverage, higher QoS and better mobility and security compared to Wi-Fi solutions. Unlike Public cellular, the network can be managed by enterprise and setup where coverage is needed with no metered data charges.

The Benefits of Private Wireless

- Security – SIM-based identification and authentication
- Privacy – data never leaves the network
- Simplicity – less infrastructure to deploy a wireless system
- Improved performance through dedicated spectrum
- Control of quality of service for applications
- No recurring fees for service



For more information, visit:

www.digi.com www.celona.io

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Exceptional Partnership Benefiting Enterprise Customers

Celona and Digi are teaming up to provide an integrated solution that seamlessly connects your OT assets to your IT infrastructure.

Take the guess work out of interoperability: Since Digi devices are 5GLAN certified, they are guaranteed to work with Celona 5GLAN private wireless.

Support for global private 4G/5G spectrums: Both Celona 5GLAN network and Digi devices support 4G/5G CBRS spectrum in the US (bands b48 and n48) as well as Global Private 5G spectrums (n77, n78, n79) offering ultimate flexibility for global enterprise deployments.

With Celona 5GLAN's ability to manage QoS (latency and throughput) on a per device per application and Digi's ability to support a wide range of industrial protocols, the combination offers ultimate reliability and flexibility for industrial use cases using wireless communication.



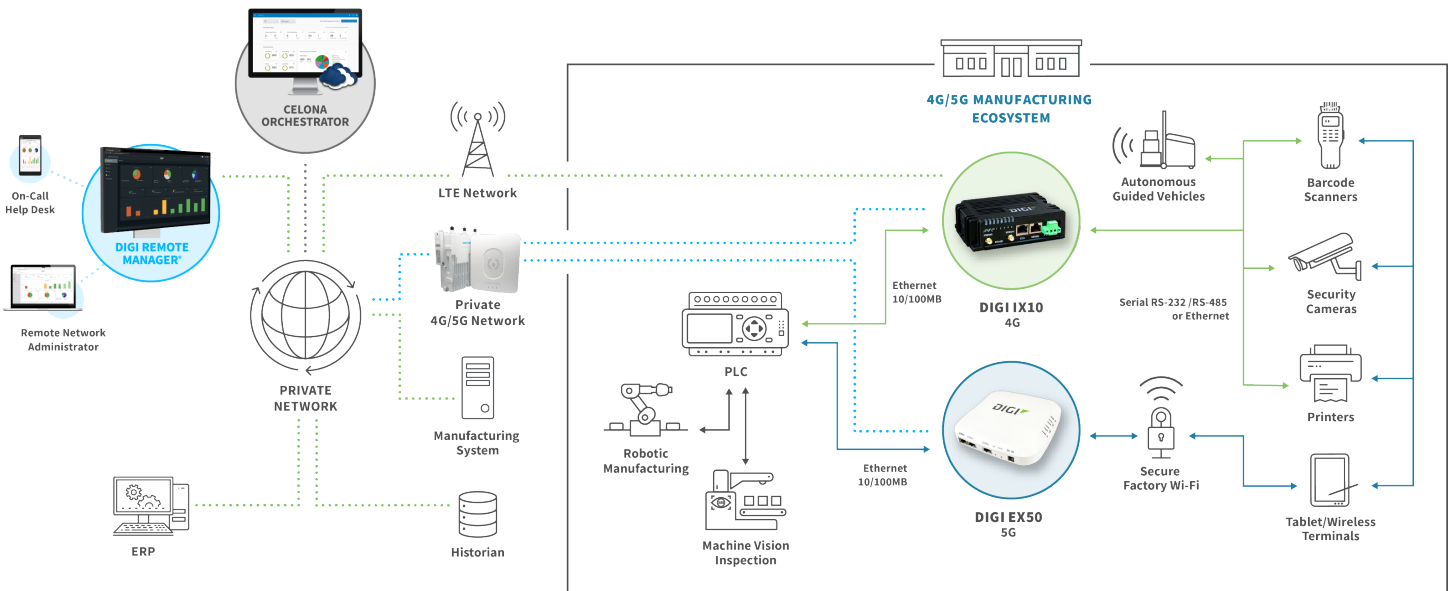
Rugged Industrial Applications

Digi IX10 CBRS LTE (B42, B43, B48)

Versatile Enterprise Applications

Digi EX50 5G (B48/n48, n77, n78, n79)

Many Powerful Use Cases



Book a demo today. Discover the impact of private wireless.
Scan here to get started.



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