

Private Cellular Networks: The Future of Enterprise Connectivity

A private cellular network (PCN) is a private section of spectrum services that can be used as an internal or external network. We expect a 25% increase in PCN use by 2030, and for a simple reason: enhanced connectivity.

HOW PCNs IMPROVE BUSINESS OPERATIONS



SUPERIOR COVERAGE

Private networks offer up to 160X the output power of Wi-Fi, enabling beams to pass through walls, roofs, and other structures.



ENHANCED RELIABILITY & MOBILITY

PCNs handle device “handoffs” better than Wi-Fi – meaning you won’t lose connection when moving from one radio to another.



REDUCED INFRASTRUCTURE

Even in large spaces, just 5-10 PCN radios can replace 100s of Wi-Fi access points.



USE CASES ACROSS INDUSTRIES

- **Manufacturing:** Enhanced functionality for IoT systems
- **Healthcare:** Instant communication to improve patient outcomes
- **Education:** Consistent connectivity for students (both remote and on campus)
- **Logistics & Warehousing:** Optimized automation, shelving, and picking
- **Hospitality:** Improve public cellular in larger building deployments

Want to boost connectivity at your organization?

Talk to us about adopting a PCN.