



PRIVATE CELLULAR NETWORK SOLUTIONS

Secure, reliable and controlled connectivity to protect critical data assets

Private cellular networks (PCN) provide you the security, reliability, control and low latency you need to protect your valuable data in areas where there is limited connectivity.

With proven cellular-grade security, the UScellular® Business PCN solution isolates your data from public traffic. You control services provided to users, edge applications and smart IoT device deployments such as meters or sensors while minimizing the danger of intrusions or cyberattacks.

Get the fixed cost of a local area network with the scalability, security and quality of service benefits of comparable public cellular networks. This assures you uptime and control over critical operations—from people and machines to sensors and analytics.

Private Cellular Network Advantages

DELIVER INTEROPERABILITY & MOBILITY

Seamless integration between public and private networks nationwide

GET GREATER CONTROL

Control over who connects, how resources are utilized and what traffic is prioritized

INCREASE CAPACITY

Flexibility that meets connectivity needs today and data needs tomorrow



REDUCE LATENCY

Guaranteed latency, customized QoS and industrial-grade reliability

IMPROVE SECURITY

Standards-based end-to-end encryption and fully secure data sessions siloed from the public internet

INCREASE RELIABILITY

Better and more economical wireless coverage than Wi-Fi over large areas, underground and inside buildings

The UScellular® Business Advantage

UScellular provides a customizable approach to meet your specific business requirements. We can partner with nearly any vendor, eliminating the need for complex relationships and roaming agreements.

Our Range of PCN Options

We support VPN and hybrid models, as well as MVNO and full PCN options.



PRIVATE / PUBLIC HYBRID NETWORK

- Full ownership of network and RAN
- Cellular roaming and failover capabilities
- 4GLTE / 5G / LTE-M / NB-IoT



LOCALIZED DATA NETWORK

- Centralized control / localized data
- Cellular network core
- Local data processing and storage



MVNO / UVNO MODEL

- Ownership of network core / public carrier RAN
- Cellular roaming and failover capabilities



ENTERPRISE CUSTOM VPN

- Fast and easy deployment leveraging existing networks

PCN Services

We have nearly 40 years of expertise building and maintaining networks.

UScellular PCN SERVICES

- Network buildout, ongoing management
- Engineering services access
- Construction management
- Tower costs and construction
- Equitable trade options
- Completion documentation
- Training

PRIVATE CELLULAR NETWORK CAPABILITIES

- Nationwide service access for voice and data
- UScellular and customer PLMN and IMSI
- Simplified SIM assignment and data plans

Our experience, flexibility and comprehensive IoT network provide the platform for organizations of any size to launch a standardized solution, scaled to provide connectivity to applications as they arise.

Team with our local specialists to push the boundaries of traditional networks.

Ready to discover everything Private Cellular Network Solutions can do for your operations?

Connect with your local Business Solutions Expert at **866-616-5587** or visit **uscellular.com/business**

