



150 years



Cellular networks
for the modern
enterprise

Cellular networks for the modern enterprise

70% of mobile traffic occurs indoors and less than 50% of users are satisfied with their coverage and capacity. Increasing data usage is adding to this challenge, with more mobile devices per user and more connected “things”.

As businesses continue to pursue cloud and mobility-led transformations, excellent cellular coverage and high-bandwidth capacity becomes business critical. Cellular connectivity can help enterprises drive their digital transformation:

- Increased use of mobile-based business applications
- Need for secure networks - carrier Grade Data Encryption and Identity Authentication
- Enterprises need options for IoT, private networks, and smart building initiatives

Moving the network closer to the end user— inside the enterprise

- Eliminates buffering and lost connections.
- Improves application performance and user productivity.



The Ericsson Radio Dot System

The Ericsson Radio Dot System is an indoor cellular solution that enables you to deliver superior indoor cellular connectivity.

Dedicated capacity for high data speeds in small venues and medium to large buildings.

Seamless transitions between indoor and outdoor environments.

- Support for 4G, 5G, CBRS, private networks, and IoT (including NB-IoT and CATM).
- Multi-operator options available.
- Power and connectivity over standard LAN cabling.



Leverages the same technology used in the outdoor macro networks and brings it indoors, onto the enterprise premise, in a compact, flexible and easy to deploy architecture.

Why Ericsson?

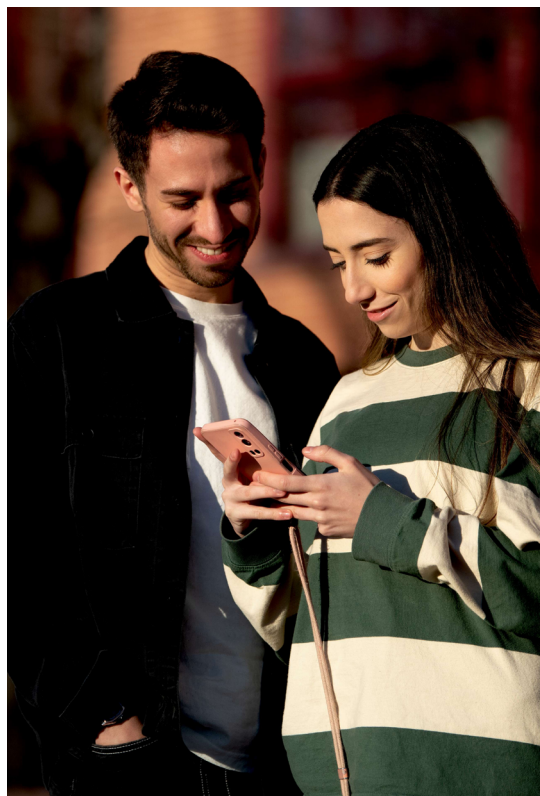
- The world leader in 4G LTE, 5G and private cellular networks.
- Leading the evolution to 5G and a global innovation leader over 60,000 patents.
- Global footprint with solutions deployed in over 180 countries.

Everything is going mobile and this requires the need to be reliable, fast and secure.

The Ericsson Radio Dot System is the most efficient and high performing way for enterprises to implement their digital transformation.

Why Ericsson Radio Dot?

- The highest performing indoor cellular solution option on the market.
- Aesthetically pleasing, easy to install, and energy efficient.
- Flexible architecture and easy upgrade.
- Easily expands from 4600 sqm to 93000 sqm (50000 to over 1M sq ft). From 1000 sqm for Indoor Fusion Unit.
- Hardened outdoor options to cover parking garages, lots, stadiums, mines, rugged industrial environments, and campus areas between buildings.
- Supports cellular IoT solutions for Smart Building applications.



Radio Dot distinctions

Dot vs. DAS

- Dot has RF signal source included.
- 5G upgrade capabilities.
- Space efficient and less power required.

Dot vs. Wi-Fi

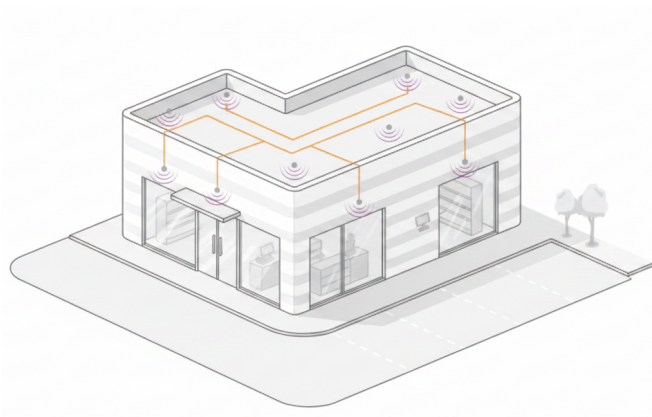
- Uses licensed spectrum.
- Is regulatory compliant for E911, not so for VoWi-Fi users.
- Handles higher device density and more reliable service.

Dot vs. other Small Cells

- Half the size and weight.
- Fully integrated with outdoor macro network.
- Fewer nodes to cover same footprint.
- Dynamic capacity adjusts to traffic fluctuations.

Sweet Spot for the Dot

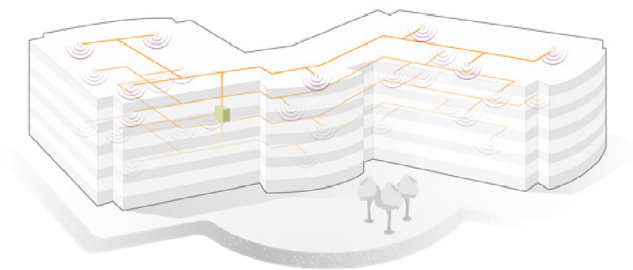
Small venues



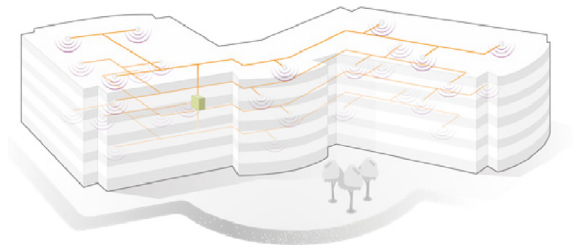
Types of venues

- Clinics
- Retail/Convenient Store
- Police Stations

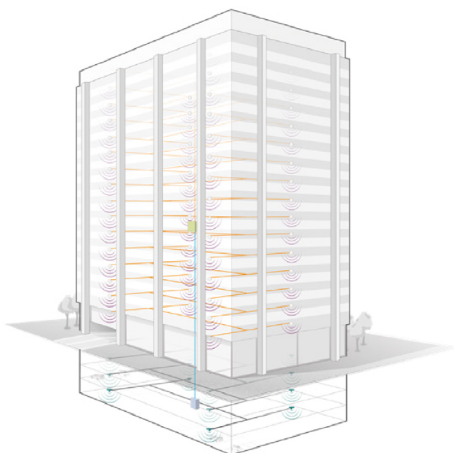
Medium to large building



Campus venue



Large to very large building



Types of venues

- Commercial office buildings
- Education and corporate campus
- Corporate enterprise
- Convention centers
- Manufacturing facilities
- Warehouses
- Hospitals
- Stadiums
- Hotels and resorts
- Airports