



Ensuring reliable connectivity for continuous retail operations almost anywhere

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Drive efficiencies and seize opportunities



In retail, where profit margins are tight, it is critical to drive efficiencies and seize opportunities. To maintain business continuity and support smarter operations, retailers need always-on networks that provide both powerful performance and seamless failover every day. With uninterrupted connectivity, retailers can leverage point-of-sale (POS) terminals, advanced inventory and supply chain management tools, improved security systems, and more to power faster, smarter, more reliable, and more resilient operations.

Managing advanced retail technologies can be complex, especially across multiple locations. Inseego simplifies this by delivering reliable connectivity and centralised control through its integrated hardware and cloud management platform. Retailers gain a single, secure network that supports critical operations like POS systems, inventory tracking, and security monitoring—while enabling remote configuration, proactive alerts, and zero-touch provisioning. This approach reduces IT overhead, minimises downtime, and ensures every store stays connected and operational.

Enable all kinds of retail operations

Cellular connectivity brings the combination of reliable high speed and built-in security that retailers need today, and it ensures that they are ready to drive efficiently and seize opportunities tomorrow. By combining Inseego 5G networks with cloud management solutions and other IoT devices, retailers can:

- Actively monitor store entrances and exits for customers arriving and departing, and optimise floorplans by creating heat maps to see where customers congregate in-store.
- Monitor checkout lines to redirect or deploy cashiers where they are most needed.
- Offer POS purchasing in strategic locations.
- Use AI technology and cameras to automate surveillance and security operations.
- Manage employee access to ensure only designated employees enter secure areas.
- Deploy facial recognition technology to enable more secure access by all personnel.
- Combine video analytics and robotics in inventory management to greatly improve efficiency.
- Provide a failover connection in case of network failure to avoid the POS ever going down.

Connecting retail operations for speed, security, simplicity, and flexibility

Retailers today need more than just connectivity; they need solutions that keep stores running smoothly, protect sensitive data, and simplify IT management across multiple locations. Inseego delivers exactly that by combining advanced hardware with intelligent cloud management tools to create a single, converged network that is easy to deploy, secure, and scalable.

High-speed and improved security

Multi-gigabit data speeds and enterprise-grade security make it easy to build powerful and secure retail networks. Industry-leading technology, reliability (including 4G LTE fallback and WAN failover), and ongoing feature rollouts ensure Inseego 5G retail networks deliver the best possible performance today and tomorrow.

Reliable, always-on connectivity

Retail operations depend on uninterrupted connectivity to keep POS systems, inventory tools, and security cameras online. Inseego delivers this with dual WAN and dual SIM failover, ensuring automatic switching between wired and wireless connections or between two cellular carriers. Combined with multi-gigabit speeds and enterprise-grade security, retailers get a network that is fast, secure, and resilient.

Plug-and-Play Deployment with ZTP

Setting up connectivity should not be complicated. Inseego devices are designed for quick, on-site installation and Zero-Touch Provisioning (ZTP), allowing IT teams to configure devices remotely without manual intervention. This means stores can be online in minutes without costly professional installation, reducing deployment time and complexity.

Centralised remote management

Managing multiple retail locations is easier with a single dashboard. Inseego's cloud portal provides full visibility into device health, network usage, and location. IT teams can push updates, set alerts, and troubleshoot issues remotely, reducing downtime and on-site visits.

Scalability and flexibility

Retail networks need to grow and adapt quickly. Inseego solutions scale effortlessly to support new store openings, pop-up shops, and seasonal expansions. With wireless connectivity, retailers can extend operations to rural or underserved areas without relying on fibre or cable infrastructure.

Extend operations and connect multiple locations



Inseego Wavemaker
5G outdoor CPE FW2000

[View on inseego.com](https://www.inseego.com)

The Inseego Wavemaker™ PRO 5G outdoor CPE FW2000 provides the combination of high power and long range to connect disparate retail locations to headquarters and each other:

- Retailers often face challenges connecting stores in rural or underserved areas where fibre or cable is not available. High-gain antennas in the Wavemaker™ PRO FW2000 deliver powerful wireless connectivity over long distances, up to 12 miles, using 5G and 4G LTE signals. This ensures even remote storefronts stay connected to headquarters and other locations without costly infrastructure.
- Speed matters in retail. These solutions provide significantly faster data rates than traditional options in suburban and rural areas, enabling smooth POS transactions, real-time inventory updates, and video surveillance. The Inseego mobile app simplifies setup, so stores can go live quickly without IT delays.
- Managing connectivity across multiple locations can be time-consuming and expensive. With Inseego Connect, IT teams can configure devices, monitor performance, and troubleshoot issues remotely. This eliminates the need for long commutes and on-site visits, reducing costs and ensuring stores remain operational without disruption.



Offer customers more with ease



Inseego Wavemaker
5G Cellular Router FX4200

[View on inseego.com](#)

The Inseego Wavemaker 5G Indoor Router FX4200 is a high-performance internet solution that makes it easy for retailers to adopt innovative technologies:

- Retailers need networks that can handle heavy traffic and multiple devices without slowing down. Inseego's cellular routers deliver gigabit-class LTE and 5G speeds, Wi-Fi 7 technology, and support for up to 256 devices on the FX4200. This ensures smooth POS transactions, real-time inventory updates, and reliable connectivity for in-store devices—even during peak hours.
- Getting stores online quickly is critical for retail operations. The FX4200 makes this easy with Zero-Touch Provisioning (ZTP) and a built-in display, which provides real-time signal strength and setup guidance right on the device—helping staff find the optimal placement without guesswork. Additionally, the FX4200 includes a backup battery, ensuring connectivity during power outages or while relocating the device, so operations never come to a halt.
- Security is non-negotiable in retail. These solutions include advanced encryption, VPN support, and guest Wi-Fi capabilities to protect sensitive customer data and payment transactions. Even public-facing networks remain secure, giving retailers peace of mind and customers confidence in every interaction.



Support pop-up and mobile deployments



MiFi® PRO M4 5G Mobile Router

[View on inseego.com](#)

Inseego mobile hotspots are powerful and reliable devices that can support multi-device connectivity, enabling POS machines and other critical operations:

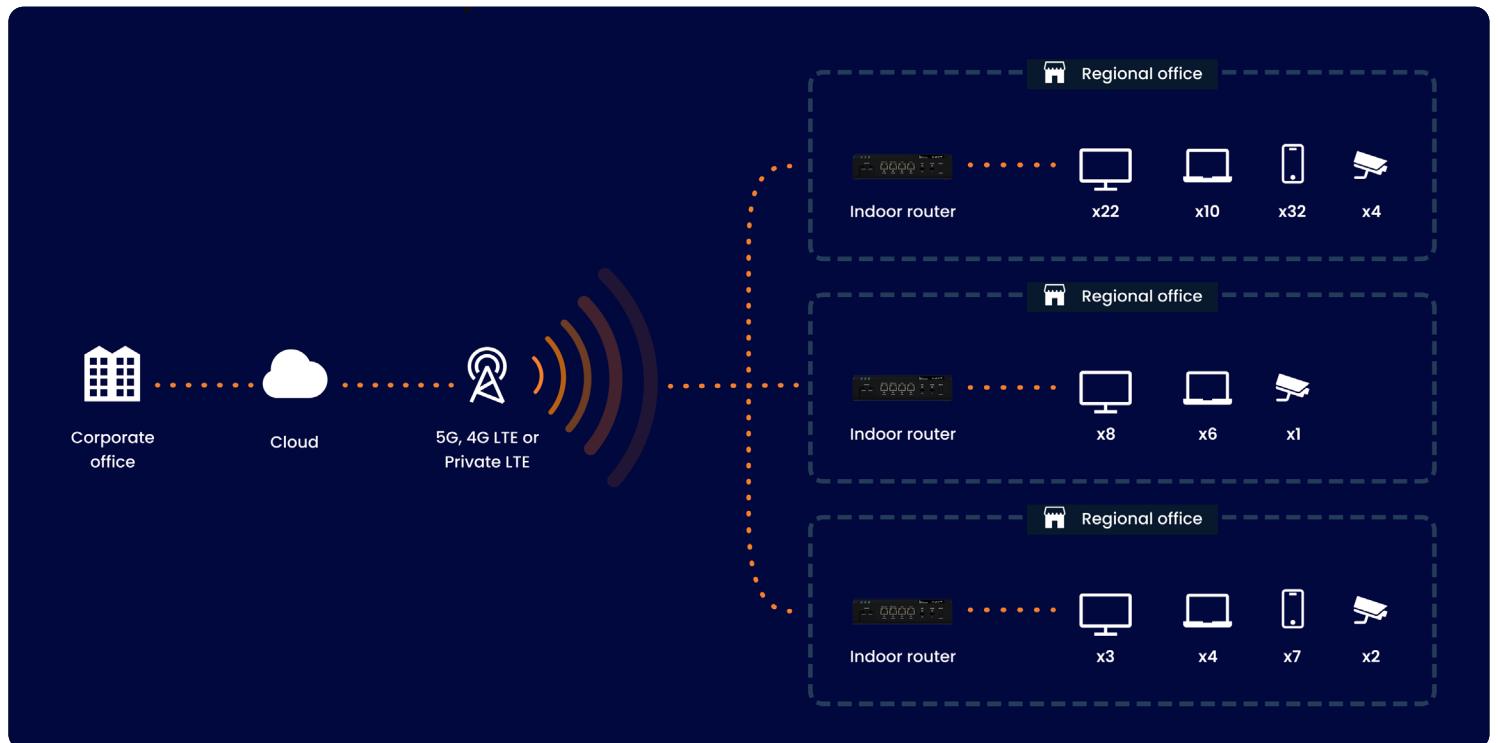
- **Fast and Flexible Connectivity:** Pop-up shops and mobile retail events require reliable, high-speed internet to process transactions and run critical applications. The MiFi PRO M4 introduces 5G Advanced (Release 18) and Wi-Fi 7 for even faster data uploads and low-latency performance.
- **Secure Operations:** Retailers can create private Wi-Fi networks with both primary and guest access. The MiFi PRO M4 can be used to create an “Enterprise Bubble” which offers a secure, isolated environment and advanced security with FIPS 140-3 validated cryptography, ensuring customer data and payment transactions remain protected.
- **Simple Deployment:** Setup is straightforward with instructions via the Inseego Mobile App, allowing quick deployment without technical expertise.
- The MiFi PRO M4 supports battery-less AC operation, making it perfect for temporary staging areas or long-term mobile retail spaces.

Simplify retail network management

Inseego Connect

Retailers need a solution that not only delivers reliable connectivity but also provides complete visibility and control from a single platform. With Inseego Connect, IT teams can monitor network health, configure devices, push updates, and troubleshoot issues remotely, eliminating costly on-site visits and reducing downtime.

- **Centralised Visibility:** Managing multiple retail sites can be complex. Inseego Connect provides a single, cloud-based dashboard that gives IT teams complete visibility into every connected device across all stores. From monitoring network health to tracking data usage, everything is accessible in one place.
- **Remote Configuration:** No more costly on-site visits. With Inseego Connect, IT teams can configure device settings, push software updates, and troubleshoot issues remotely. This reduces downtime, saves operational costs, and ensures stores remain online without disruption.
- **Proactive Monitoring:** Stay ahead of potential issues with real-time alerts and detailed analytics. Inseego Connect allows retailers to set data usage thresholds, monitor performance trends, and access diagnostic tools for quick problem resolution, helping prevent outages before they impact operations.
- **Scalable and Secure:** Whether you manage a handful of stores or hundreds, Inseego Connect scales effortlessly. Built-in security features ensure that remote management is safe and compliant, protecting sensitive data while enabling operational flexibility.



Inseego Connect solution

Learn more

Discover how our solutions can elevate your retail operations into the future. Contact us via our website or at partnersales@inseego.com.

About us

Inseego pushes the boundaries of 5G technology to revolutionize enterprise information technology (IT) and operational technology (OT) experiences for distributed sites and workforces. With 5G at the core of everything we do, we deliver innovations that transform the way businesses connect, access, and use information.