



Connectivity that meets the demand for real-time tracking/monitoring

inseego.com



Modern logistics operations need powerful wireless networks

Logistics companies are facing more pressure to keep goods moving quickly and cost-effectively. Widespread consumer adoption of online shopping has increased expectations of both shoppers and retailers for real-time tracking and overnight delivery.

To meet the demands of retailers and the expectations of consumers, today's logistics companies must manage complicated supply chains that include trains, planes, trucks, shipyards, and warehouses. Integrated information and communication networks that can support sophisticated tracking, highly granular record-keeping, and data-driven analytics, as well as IoT technologies, are the key to ensuring goods continue to flow smoothly without getting lost or forgotten.

These pillars of a modern logistics operation need powerful wireless networks that are easy to deploy and provide the high speed, throughput, and low latency that can support the tsunami of data required to keep operations running 24 hours a day, seven days a week. Inseego's 5G network portfolio managed by cloud-based device management software offers the combination of features today's logistics companies need to constantly operate at peak efficiency.



Track products at every step with superior connectivity

A 5G fixed wireless access (FWA) network provides the high-speed, low-latency throughput that modern logistics operations require. 5G wireless broadband networks support the powerful capabilities of advanced digital technologies even at remote sites:

- Enhance warehouse operations with IoT devices, such as automated guided vehicles (AGVs) and robotic picking systems that require constant, low-latency communication.
- Improve fleet safety by remotely tracking vehicle health and driver behaviour through real-time telematics.
- Limit supply chain disruptions by using AI-enabled tracking to monitor the precise location and condition of high-value cargo.
- Maximize shipyard efficiency with port automation and real-time coordination of container movements.
- Reduce administrative overhead with handheld scanners and tablets that can access inventory databases and shipping manifests instantly from anywhere in the facility.
- Efficiently manage distribution networks using drones for yard audits and last-mile delivery simulations.

Inseego 5G private wireless networks enhance logistics operations

Powerful 5G wireless networks provide the high level of control needed to support IoT and AI solutions and enhance logistics operations with:

Greater bandwidth

Enables logistics hubs to connect thousands of sensors and tracking devices simultaneously without compromising network speed. With more bandwidth, warehouses can support demanding applications, such as high-definition video surveillance and real-time inventory synchronisation, across vast areas.

Low latency

Enhances both efficiency and safety, allowing automated machinery and vehicles to communicate in near real-time to optimise throughput, avoid collisions in busy yards, and reduce costly processing delays.

High reliability and security

With advanced VPN, encryption capabilities, and rigorous network monitoring, your logistics data stays secure across your network. Our products also offer seamless failover to cellular, ensuring connectivity for critical tracking systems even if primary links fail.



A foundation for smarter logistics and transportation

Unlike other vendors who are new to 5G, we have deep experience at every level of wireless connectivity. Our 5G solutions are field-tested and tailored to meet the unique application, safety, and regulatory requirements of logistics operations. As transport hubs get even smarter by leveraging more automated solutions, Inseego Connect helps optimise operations by integrating corporate networks with devices on the move or in the warehouse.

Get powerful 5G across the shipyard or yard



Inseego Wavemaker
5G outdoor CPE FW2000

[View on inseego.com](#)

The Inseego Wavemaker 5G Outdoor CPE FW2000 delivers reliable long-range performance for outdoor logistics environments:

- **Extended network reach** using high-gain antennas brings 5G connectivity to vast shipyards and loading docks where traditional Wi-Fi fails.
- **Simplified setup** with the Inseego Mobile app makes it easy to find the strongest network signal for mounting on external structures or poles.
- **Reliable access and enterprise-grade security** built on IP67-rated hardware keeps communications flowing even in harsh weather at sea ports or rail yards.

Seamless IoT integration for the edge



Inseego Skyus 160 IoT gateway

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The Skyus 160 LTE Gateway is engineered to serve as a versatile hub for industrial IoT and mobile logistics:

- **Multiple antenna ports** and Inseego's proprietary **thermal mitigation technology** ensure consistent, multi-gigabit data flow for critical sensors and telematics, even in high-vibration or temperature-sensitive vehicle environments.
- **Equipped with Ethernet, USB, and specialized I/O ports**, the Skyus 160 seamlessly bridges communications between vehicle computers, GPS modules, and legacy industrial sensors.
- **Fully integrated with Inseego Connect**, allowing fleet managers to remotely monitor IoT health, update configurations over-the-air, and gather diagnostic data from thousands of endpoints without manual intervention.
- **Flexible power and mounting options** enable the gateway to be installed directly into heavy machinery, lorries, or transit vans, providing a robust backbone for the real-time "tsunami of data" required for modern tracking.



From hardware to the cloud, Inseego has the expertise to support your operation at every level by running smoothly at 5G speeds around the clock

Optimise your distribution centre and mobile workforce



Insego Wavemaker™
5G Cellular Router FX4200
[View on insego.com](https://www.insego.com)

The FX4200 is designed for high-capacity indoor environments like warehouses and distribution centres:

- **Easy site surveys** with the FX4200's built-in backup battery, allowing technicians the mobility to find the best signal in large facilities without being tethered to a power outlet.
- **Support for up to 256 devices** and Wi-Fi 7 technology ensures that every scanner, tablet, and automated robot has the bandwidth required for peak operation.
- **Dual-SIM support** and auto-switching ensures that even if one carrier has an outage, the warehouse stays online and goods keep moving.



Secure "Office-Anywhere" for logistics managers and drivers



MiFi® PRO M4 5G Mobile Router
[View on insego.com](https://www.insego.com)

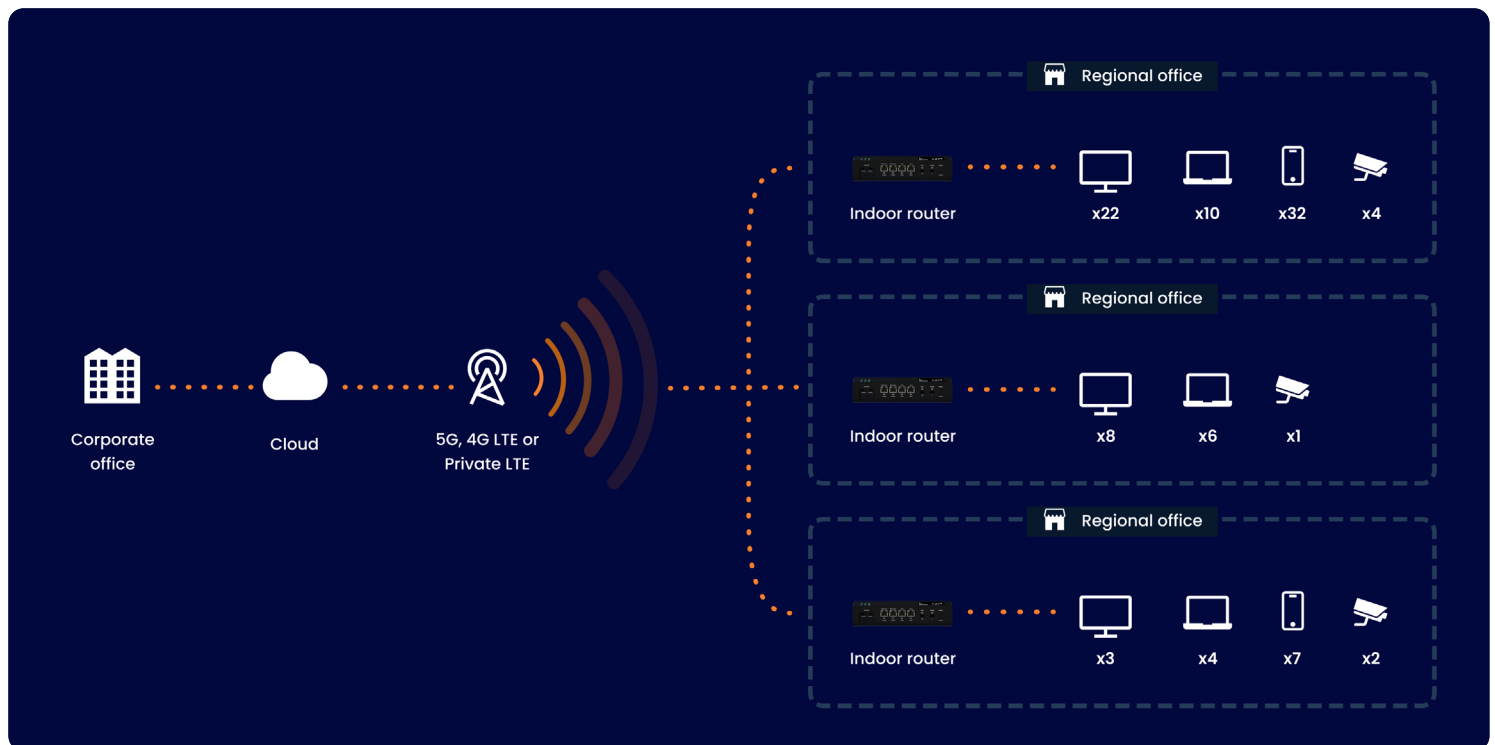
The MiFi PRO M4 enables logistics staff to take the secure corporate network wherever they go, ensuring safe access to shipping manifests and scheduling:

- Utilise the MiFi PRO M4 to create a **secure, isolated environment** for mobile devices, shielding sensitive cargo data and payment information from public Wi-Fi.
- **Advanced security** with FIPS 140-3 validated cryptography to protect corporate traffic from external threats during transit.
- **Mission-critical reliability** with industrial-grade thermals and battery-less AC operation, allowing the device to serve as a reliable, secure gateway for temporary staging areas or in-vehicle offices.
- **High-performance connectivity** with Wi-Fi 7 and 5G Advanced (Release 18) for rapid data uploads of logbooks and delivery confirmations.

Inseego Connect

Inseego Connect and the Inseego Mobile App are essential tools for logistics IT teams, providing efficient management of devices across global supply chains:

- **Centralised remote management** allows IT staff to control devices across multiple warehouses or a nationwide fleet from a single dashboard.
- **Remote firmware updates** and configuration changes keep devices secure without the need for expensive “truck rolls” or manual intervention.
- **Real-time monitoring and GPS tracking** ensure that connectivity hardware stays within designated zones and performs optimally.
- **Perform remote speed tests** to ensure that critical applications, such as real-time tracking and automated picking, have the bandwidth they need.
- **Inseego Connect** enforces security policies and pushes over-the-air updates to all devices, protecting sensitive transmissions like cargo manifests.



Inseego Connect solution

Learn more

Discover how our solutions can optimise your logistics operations — now and 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.