

Mobile Cloud for Connected Logistics

Delivering seamless mobility

The Highway 9 Mobile Cloud sets a new standard for seamless mobility, powering the next evolution of connected logistics with ultra reliable 'Everywhere Mobile Coverage'.

In a recent study by KPMG 87% of companies reported they do not have full visibility, and 56% do not use real time tracking of their supply chain.

These essential technologies are often constrained by network coverage due to the challenging nature of logistics environments like warehousing and goods yards.



Providing the necessary coverage, across indoor and outdoor areas is simply and quickly achieved with Highway 9 Mobile Cloud, requiring only 10% of the infrastructure in comparison to existing Wi-Fi technology.

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87%

Are you among the 87% of Companies who do not have full visibility of your supply chain?



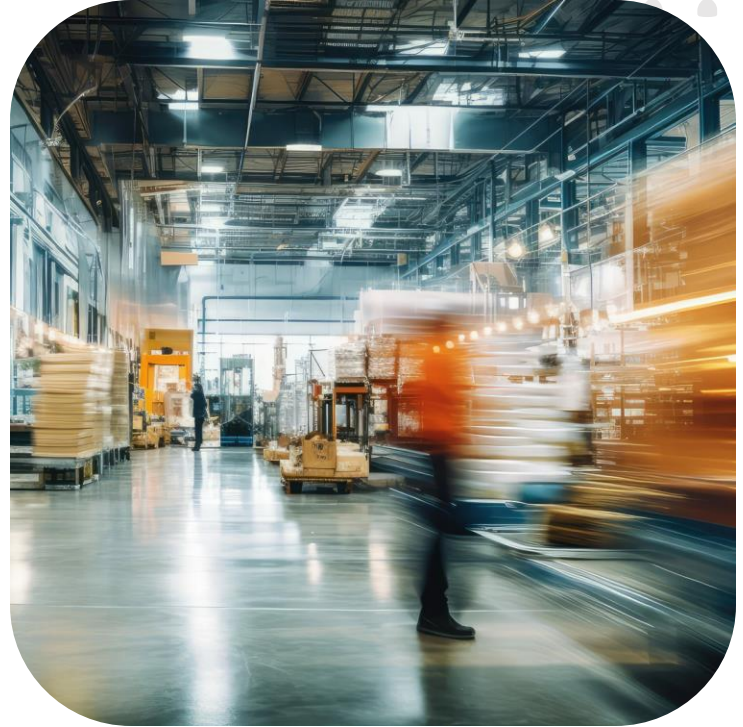
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Challenges in Logistics Environments

Warehouses and logistics facilities are saturated with numerous networks, connecting inventory management systems, machinery, staff devices, and IoT sensors

After performing RF analysis for a customer, seven active networks were migrated to Mobile Cloud. This included four networks operated by Facilities that IT previously had no visibility into.

The Mobile Cloud operates in licensed, shared spectrum rather than the congested ISM bands used by Wi-Fi, LoRaWAN and others, drastically reducing interference issues.



Dynamic Environments

Both indoor and outdoor spaces are highly dynamic environments in modern logistics operations.

Layouts change with evolving demand, and new technologies make 'Everywhere Mobile Coverage' a necessity in warehouses, distribution centers, and ports.

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Use Cases

Automatic Guided Vehicles & Robots

Interruptions in connectivity during roaming events on Wi-Fi can leave AGVs stranded and inoperable, affecting productivity and increasing support burdens.

The seamless roaming and ubiquitous coverage offered by Mobile Cloud is a necessity for the smooth operation of these vehicles.



Outdoor Coverage

Logistics operations extend beyond the warehouse walls.

The extended range and NLOS capabilities of private mobile technology provides ubiquitous coverage across loading docks, storage yards, and intermodal facilities using a small number of LTE or 5G radios

Inventory Management

Whether managing just-in-time goods inward, factory output or warehousing, reliable inventory management is a cornerstone of a productive operation.

Handheld scanning devices with native mobile support demand the 'Everywhere Mobile Coverage' provided by a Mobile Cloud, ensuring smooth operations.



Real-time Tracking

In fast-paced logistics environments, real-time tracking of goods, vehicles, and assets is crucial.

The 'Everywhere Mobile Coverage' provided by Mobile Cloud ensures continuous connectivity for tracking devices and sensors, enabling precise location data and efficient operations

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Summary



Private mobile network technology delivers superior range, security, performance and reliability.



An integrated cellular technology stack comprising SIM, Radios, policy & control ensures ease of deployment.



Seamless IT integration with infrastructure, policy and major carriers.



Cloud based 360 C+C with AI powered services and partner integrations.



Reliable, high-performance data and control network for automation and AI.

Get in touch

Contact us to learn how a mobile cloud can address your AI or mobility needs.



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Book your demo today