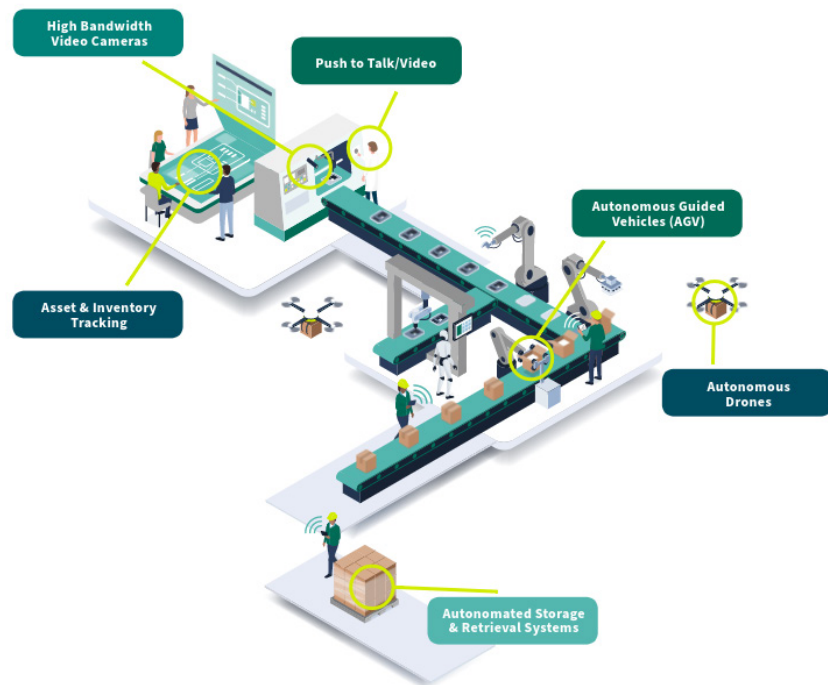## 48%

#1 Cause = Wireless disconnects.

Are you among the 48% experiencing daily issues with their industrial technologies?

How will you address this issue and deliver seamless mobility demanded in these environments?

This troubling statistic, from a recent Compuware study of technology leaders in the industrial sector, indicates the need for a new approach.

High Bandwidth Video Cameras

Push to Talk/Video

Autonomous Guided Vehicles (AGV)

Asset & Inventory Tracking

Autonomous Drones

Autonomated Storage & Retrieval Systems

The Highway 9 Mobile Cloud sets a new standard for seamless mobility, powering Industry 4.0 transformation with ultra reliable 'Everywhere Mobile Coverage'.

Challenges in Industrial Environments

RF on the Factory Floor

Factory floors are saturated with numerous networks, connecting tools, machinery, staff devices, and 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.

Tech note

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 the factory of today.

Layouts change with evolving demand, and new technologies, make 'Everywhere Mobile Coverage' a necessity.

Use Cases for Mobile Cloud

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.

Extended Outdoor Coverage

Outdoor operational activities extend coverage requirements across the whole campus.

The extended range, and NLOS capabilities of private mobile technology provides ubiquitous coverage using a small number of LTE or 5G radios. Removing the need for disruptive, time consuming trenching.

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.
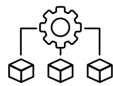
EMPOWERING WAREHOUSES WITH HIGHWAY 9 MOBILE CLOUD

Built on private mobile network - superior range, security, performance, mobility.

Easy deployment integrated stack - SIM, Radios, policy & control.

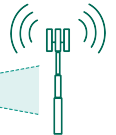Seamless IT integration with infrastructure and policy and major carriers.

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

ENTERPRISE WIRELESS

PUBLIC CELLULAR

MOBILE CLOUD

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

While Wi-Fi has been a cornerstone of connectivity, the demands of the Smart Warehouse necessitate a more robust solution. Warehouses face challenges such as high device density, latency, and security concerns that traditional Wi-Fi struggles to address adequately.

The Solution lies in a collaborative approach wherein Mobility and Wi-Fi work seamlessly together.

KEY CAPABILITIES

Simple integration with enterprise.

Cloud orchestration, 360 visibility.

Zero touch provisioning.

Virtual Mobile Zones

Compliance policy extension

Extend Public Mobile services

Book your demo today.

HIGHWAY9 NETWORKS, INC.
www.highway9.com