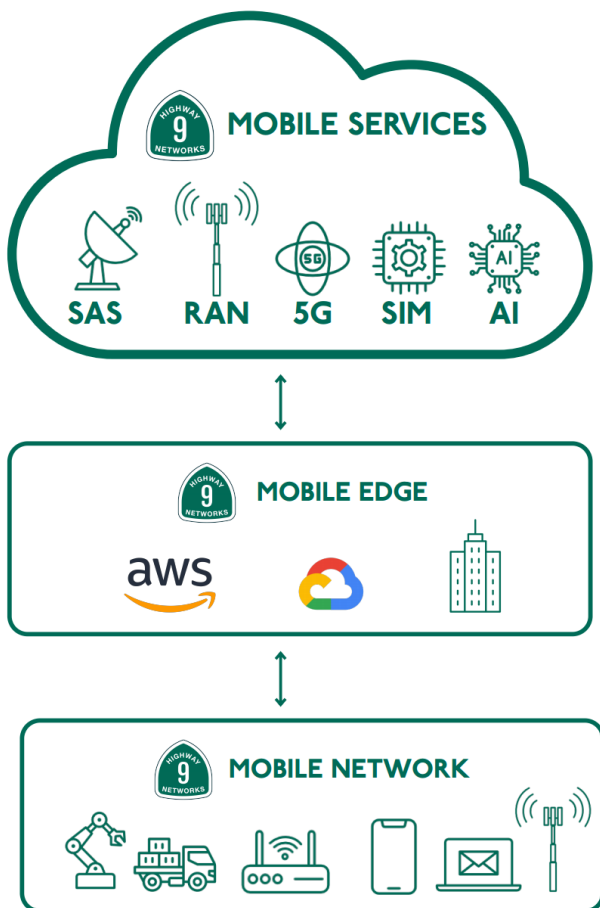


Highway 9 Mobile Cloud Overview



Depending solely on Wi-Fi could result in connectivity issues and service interruptions. Meanwhile, public cellular networks also present their own hurdles regarding coverage, cost, privacy, and IT integration challenges.

Both are barriers to a seamless mobility experience. A private cellular mobile cloud is a requirement to meet these challenges.

Specially developed for enterprise operations, the Highway 9 Mobile Cloud addresses these challenges.

Our hybrid cloud approach empowers you to deploy your own private mobile network with;

- Simple Integration
- Zero Touch Provisioning
- Full control
- 360 degree visibility
- 4G and 5G Radios

Highway 9 Mobile Cloud - Mobile Services



Key Capabilities

360-degree visibility & control

Highway 9 Cloud Orchestrator allows for complete visibility into the Private cellular network as well as UE and devices statistic.

IT/OT/Telco Single Pane of Glass

Define and monitor KPIs for all classes of devices for complete control.

Secured API

Connect to Highway 9's growing list of UE partners via secure API to gather end user devices statistics for a more complete end-to-end management strategy

User-defined Mobile Zones

Define network access, QoS, and flow with ease using Mobile Zones.

AI-Ops & telemetry

Highway 9's AI 'assistants' quickly identify any issues with connectivity, coverage and capacity across the Mobile Cloud.

SIM/eSIM Services

The flexibility of using physical SIMs or eSIM for deployment of Private cellular devices.

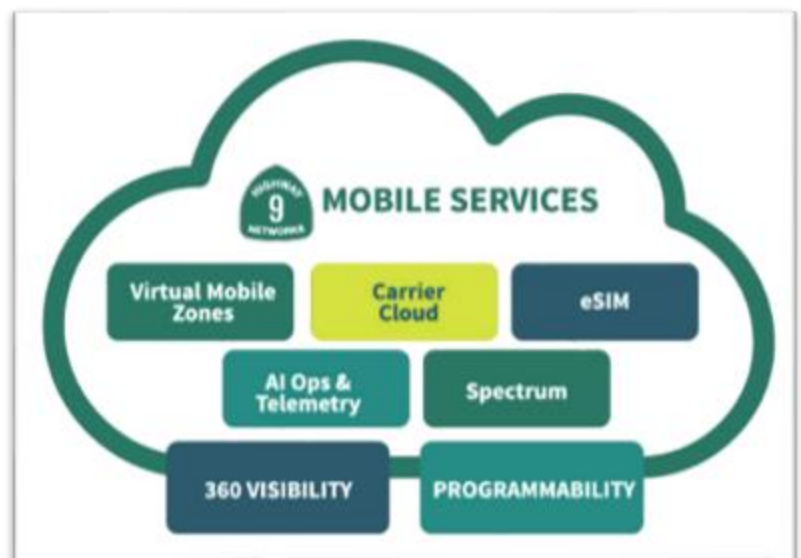
Highway 9 Mobile Services offers a cloud-centric approach to integrating Mobile Cloud, with complete oversight and programmable flexibility

Intuitive dashboards and straightforward reports allow IT teams to effectively manage the mobile network, using methods they're already familiar with.

Mobile Services are also fully accessible via secured API.

Create Virtual Mobile Zones to connect mobile devices and machines with applications and services.

VMZs implement custom security, access and QoS policy across your Mobile Cloud.



Highway 9 Mobile Cloud – Mobile Edge

The interface between Enterprise, Telcos and the Mobile Cloud



Deployed as a VM or Appliance, the Mobile Edge is typically placed closest to the critical applications supported by Mobile Cloud.

For example; if your application is delivered via the cloud that is the logical place to deploy Mobile Edge. Alternatively, if your application is served locally, the Mobile Edge would be deployed alongside as a VM or appliance.

Key Capabilities

- Scalable 4G/5G Packet Core
- Mobile Network Interface
- L2/L3 Integration
- MNO Extension Service
- Policy Integration / Extension
- AWS, GCP, On-Prem

Highway 9 Mobile Cloud – Mobile Network

Everywhere Mobile Coverage

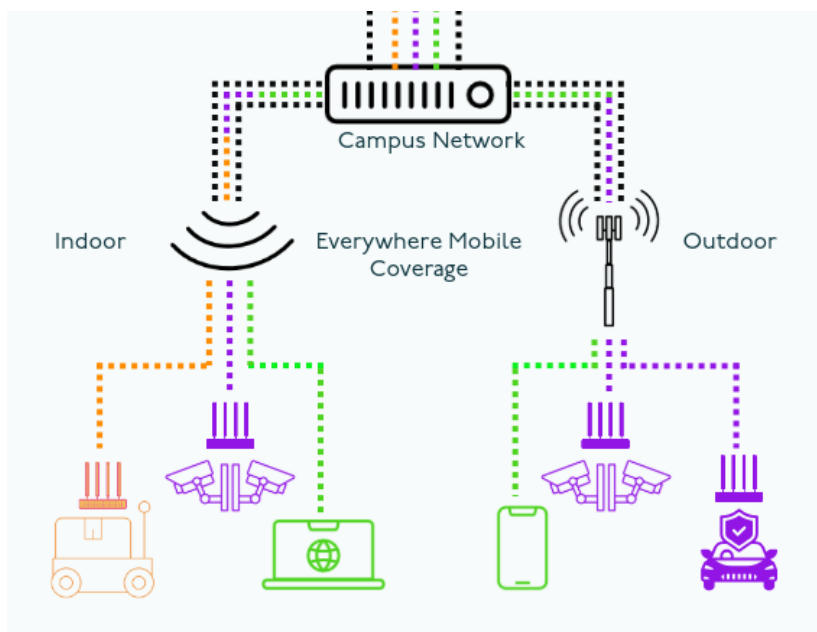
Through intelligent use of cloud orchestration, tight enterprise integration, and zero touch provisioning of mobile radios, your team can activate mobile coverage wherever it is needed.

Eliminates pricey, drawn-out integrations and managed services that could impact your business activities.

Everywhere Mobile Coverage for the whole enterprise, or designated spaces. You're in control.

Key Capabilities

- eSIM/pSIM Support
- Extensive Radio Options
- Integrated Device Visibility
- Wireless QoS Policy



Highway 9 Mobile Cloud – Virtual Mobile Zones

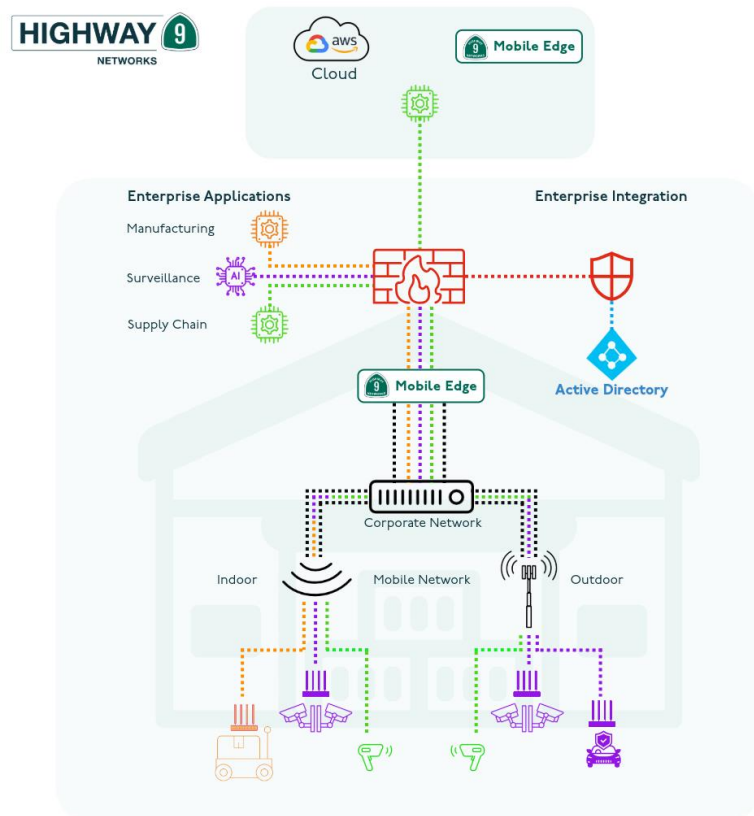
A fundamental feature of the Mobile Cloud, VMZ policy is powerful, simple and flexible, connecting mobile devices and machines with their designated applications and services.

VMZs implement security, access and QoS policy across the Mobile Cloud by device group, regardless of location.

Policy is applied automatically to the Mobile Edge and Mobile Network.

Key Capabilities

- Extend Network Domains via VLAN
- Extend Network Services – DNS, DHCP
- Extend Security & Compliance Policy
- Extend Public Mobile Services
- Set QoS Policy



Isolate Assets & Applications

- Automated Vehicles and Robots
- C-Suite Devices
- Inventory Management
- Point of Sale
- Medical
- Financial Services



Prioritize Devices

- Public Safety
- Worker Safety
- IoT Monitoring
- CCTV Video Cameras
- AGVs
- Industrial automation



Prioritize Applications

- Logistics Management
- Factory Automation
- Payments
- Security
- Location tracking
- Health records



VMZs implement security, access and QoS policy across the Mobile Cloud by device group, regardless of location.

Highway 9 Mobile Cloud

A new approach to enterprise private 5G.

Industry-First 5G Cloud

- First Multi-tenant LTE/5G Cloud
- Private Mobile Cloud Platform
- Multi-cloud Deployment
- On-premise deployment options Support for white-labeled
- VAR/operator deployments
- Support for physical SIM & eSIM
- Provider Roaming Integration
- RAN & Access Integration
- Framework enables deep radio & CPE/UE operations & visibility

Software Defined Mobility

- Seamless handovers
- Extend existing LANs and WIFI using CBRS backhaul
- Onboard any device onto
- LTE/5G networks
- Best-in-class user authentication for enhanced zoning, security & quality (QoS)
- Logical segmentation of user groups and resources on private networks

Get in touch

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



info@highway9networks.com



www.highway9.com



[Book your demo today](#)