

Powering Enterprise Mobility for the AI Era


As enterprises accelerate digitization, networks—especially wireless—are more critical than ever. Yet traditional options fall short: Wi-Fi remains congested and unreliable, while alternate cellular solutions like DAS or telco-driven 5G are often costly and complex.


Highway 9 Mobile Cloud changes this with the first cloud-native, enterprise-grade private cellular platform that's easy to deploy, manage, and scale.


Highway 9 Mobile Cloud:

Highway 9 Mobile Cloud delivers private 5G/LTE for enterprises, integrating with existing Wi-Fi, mobile carriers, and security tools. It offers everything needed to deploy private cellular connectivity including a virtualized 5G core, full set of cloud-based mobile services, and telemetry with third-party Radio Area Network (RAN).

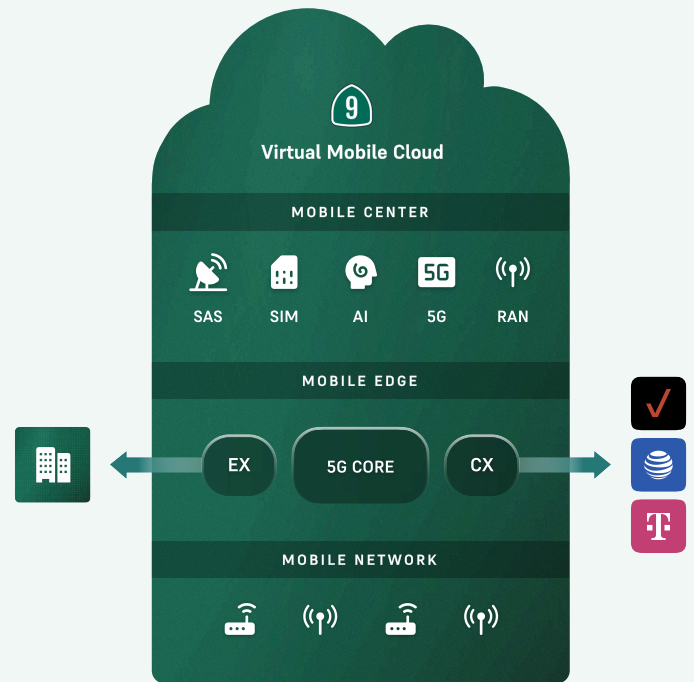
Enterprise Use Cases & Benefits:

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Extend mobile voice + data connectivity and replace or augment distributed antenna systems (DAS) for seamless, reliable coverage.
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Ensure resilient app + edge AI connectivity with continuous, low-latency networking for critical apps and AI-powered devices.
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Ubiquitous mobile coverage providing seamless cellular from major operators across indoor, outdoor, and campus environments.




Industry Use Cases:

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Higher Education
Seamless, secure campus-wide connectivity
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Manufacturing & Warehousing
Enables automation, robotics, AGVs, and IoT
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Energy
Reliable remote connectivity for infrastructure
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Enterprise Campus
Voice coverage, emergency services, and priority wireless

Features & Capabilities:



Cloud-Native Architecture:

The solution is built on a cloud-native platform, enabling rapid deployment, scalability, and efficient management of users and applications.



Hybrid and Private Network Capabilities:

Highway 9 supports both hybrid and private network configurations, allowing enterprises to choose the deployment model that best suits their specific requirements.



Security:

Mobile Cloud delivers end-to-end encryption, strong authentication, and granular admin controls to protect data, prioritize critical apps, and guard against cyber threats.



Smart Network Management:

Highway 9 offers centralized, real-time network visibility, analytics, and automation—powered by AI for intelligent monitoring and proactive issue resolution.



Integration with Existing Infrastructure:

The solution can seamlessly integrate with existing enterprise networks, minimizing disruption and maximizing compatibility.



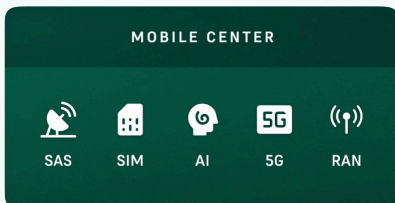
Future-Proof and Flexible:

Highway 9 supports 4G/5G and LTE, flexible and future-proof connectivity options.

Platform Components :

Mobile Center

Cloud-hosted services for control, mobility, & network functions.

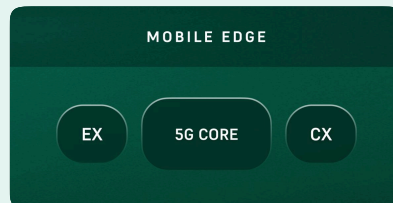


Key Capabilities:

- End-to-end visibility and control
- Unified IT/OT/telco management
- Spectrum services
- Virtual mobility zones (VMZ)
- AI-Ops and telemetry
- SIM/eSIM management

Mobile Edge

On-prem/cloud-based local services core

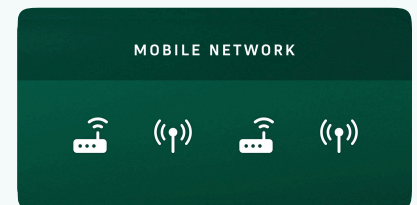


Key Capabilities:

- Distributed, scale-out 5G/LTE packet cores
- Carrier extension (CX) for in-building coverage
- Integration with enterprise IT (EX) infrastructure

Mobile Network

Private RAN layer connecting mobile assets, users, and IoT devices to the Mobile Edge



Key Capabilities:

- Auto-discovery and config of LTE/5G RAN & eSIMs
- AI-powered config/monitoring for advanced automation and insights
- Strong partnerships with leading networking vendors
- Client and radio visibility for bootstrap config., Day 2 Operations + KPI support