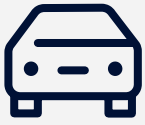


The road to automotive success starts with network APIs



Why connectivity matters



1.4B connected cars WW by 2023

94%

of fleet managers report connectivity issues

80%

of IOT fleet managers are using basic connectivity



<50ms required latency for remote driving

But, there are a few bumps in the road



Best-effort Connectivity:

Unpredictable network performance affecting critical operations.



Black-box Networks:

Limited visibility into network behavior and performance.



Security Gaps:

Increased vulnerability to cyber threats with expanded connectivity.



Low Confidence in Critical Areas:

Inconsistent connectivity in areas like tunnels, urban canyons, and remote locations.

Programmable connectivity, built for mobility

What is Network as Code?

Network as Code is Nokia's concept of extreme simplification of network capabilities to enable applications to dynamically change the network to optimize performance and user experience.



Quality on Demand



Device location



Network congestion predictions



Device reachability



Network-aware route optimization



Population density

Under the hood: The benefits of programmable connectivity

Reliable OTA and Telemetry updates

Enhanced driverless operations

Seamless In-car digital experiences

Context-aware V2X communication

QoD prioritization for reliable rideshare



Ensures fast, reliable OTA updates by boosting network quality when needed



Enables safe remote takeover with guaranteed low-latency, high-reliability links



Boosts network performance on demand during peak usage



Enables precise traffic coordination through accurate location sharing



Ensures fast app performance even in congested network areas

Explore how your mobility applications can go from reactive to real-time.