Solution brief

Verizon Frontline Network Slice

Consistent application performance in high traffic conditions for public safety agencies.



Introduction to network slicing

What is network slicing?

Network slicing is a feature of 5G standalone (SA) network architecture that enables mobile network operators to provide dedicated virtual networks with specific functionalities tailored to meet diverse service requirements. Essentially, it allows a single physical network infrastructure to be partitioned into multiple independent logical networks. Each "slice" can be optimized for different characteristics, such as bandwidth, latency and reliability, catering to a wide array of use cases including mission-critical services.

The role of 5G SA.

True network slicing capabilities are realized with 5G SA network architecture. Unlike 5G non-standalone (NSA), networks that rely on an existing 4G LTE core, 5G SA networks utilize a new 5G core (5GC). This cloud-native, service-based architecture is essential for the end-to-end management and orchestration of network slices, providing the flexibility and control needed to deliver customized network services.

Key benefits of network slicing:

- **Service differentiation:** Verizon can offer tailored connectivity solutions for diverse market segments (e.g., enterprise, public safety, automotive).
- **Resource optimization:** Efficient allocation and utilization of network resources based on the specific needs of each slice.
- **Enhanced user experience:** Improved performance for critical applications by providing necessary network parameters.
- **Increased flexibility and agility:** Faster service deployment and modification of network characteristics.

It is important to note that network slicing itself does not create new capacity but provides additional tools for efficient resource distribution among various services.

Get dedicated 5G resources for your team

Help your team stay connected and prepared – virtually anywhere in the field – with dedicated resources powered by America's most reliable 5G network.[1]

- **In your vehicles:** Equip the vehicles in your fleet with dedicated, mission-critical connectivity through Verizon Frontline Network Slice - Connected Vehicles.
- **On your mobile devices:** Give your team dedicated resources for high-speed connectivity for your critical communications and data when you're in the field. Verizon Frontline Network Slice is available on compatible laptops and smartphones.

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The technology behind the wheel

What makes in-vehicle connectivity reliable under pressure? Capabilities designed to keep your communications prioritized, secure and responsive.

Here is how Verizon Frontline Network Slice - Connected Vehicles delivers when your mission depends on it:

- **Priority and preemption:** Keeps your teams connected to LTE and 5G during emergencies, even when the network is crowded.[2]
- **Enhanced QoS scheduling:** Prioritizes your most critical data with elevated QoS settings on Verizon's network so vital communications get through.
- **Dynamic radio resource partitioning:** Continually adapts network resources to match the evolving needs of your applications, devices and users.



Get Verizon Frontline Network Slice for your mobile devices

Give your team dedicated resources for high-speed connectivity on the devices your team uses most: laptops and smartphones.

Laptops: Transform your location into a mobile command center with connectivity built to run intensive applications at fiber-like speeds.

Smartphones: Give your team's smartphones dedicated 5G resources inside and outside of the vehicle – all while staying on the same secure slice.

It's time to put your mission first

When your traffic has its own dedicated 5G network resources, you can make every second count. Verizon Frontline Network Slice is available in your vehicles and on your smartphones and laptops.

In addition, we offer dedicated plan options for first responders.

Contact your Senior Account Manager for the complete list of Verizon Frontline Network Slice certified devices and our dedicated plan options for first responders.

1. Based on RootMetrics® United States RootScore® Report: 1H 2026. Tested with best commercially available smartphones on three national mobile networks across all available network types. Your experiences may vary. RootMetrics rankings are not an endorsement of Verizon.

2. Verizon's 5G and 4G/LTE networks provide voice and data priority and preemption to organizations in eligible NAICS codes. Experiences may vary.

Dedicated 5G network slicing and band isolation vary by NAICS code. Core First Responders receive 5QI 7 QoS; Expanded Priority 1 receives 5QI 8 QoS (switches to 5QI 9 after 105 GB/mo). Requires 5G SA device and coverage. Terms apply.

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