

Verizon and Juniper Networks move at the speed of now

Verizon Managed SD Branch powered by Mist, Juniper's AI-native networking platform, helps improve user experiences and address connectivity issues automatically.



Deploy faster, reduce help desk interactions and automate troubleshooting with Managed SD Branch. Whether managing a small branch or a large campus, access a full product line—from a suite of industry-leading, cloud managed access points (APs) and switches to secure WAN gateways—and gain support for demanding needs.

Designed for cloud, managed from the ground up

Verizon Managed SD Branch combined with the Mist platform enables a modular approach that delivers the flexibility to manage all network devices, or only the ones that suit specific needs, like WLAN, LAN or WAN. We build for any size of enterprise, whether it's hosting a few to hundreds of thousands of devices, and help enable greater visibility and API integration at scale. This helps achieve smoother network operations, fewer support tickets, quicker mean time to resolution (MTTR) and proactive support, elevating overall efficiency.

Differentiated managed services

This joint solution from Verizon and Juniper Networks creates IT efficiencies by automating common elements of the wireless network, using self-healing, correcting and tuning to deliver a great end-user experience.

It helps predict and budget IT spending, and free up capital for more strategic activities. Shifting day-to-day network operations work to a service provider such as Verizon also allows experienced IT staff to focus on strategic activities.

Juniper's Campus and Branch portfolio provides visibility and control for improved user, device and application experiences, as well as shorter mean time to repair network issues. These benefits can translate into real cost savings—some customers have even seen up to 30% in OPEX savings.¹

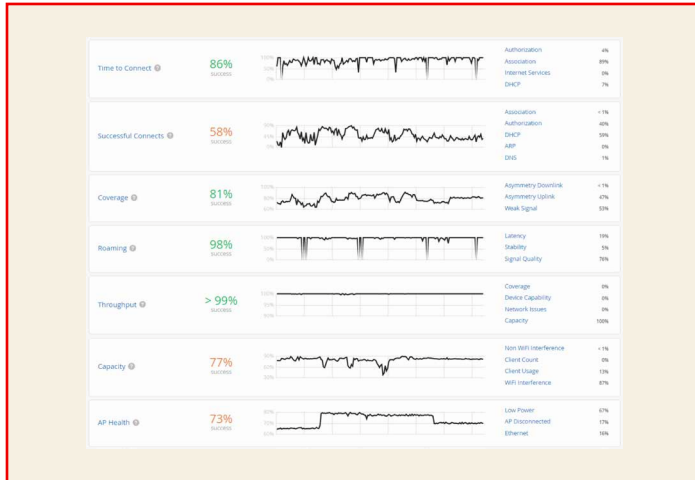
Confidence in superior network operations and experience

With the help of proactive monitoring and automation, powered by machine learning, IT can reduce the amount of customer-created support tickets.

As partners in managed services offerings, Verizon and Juniper Networks offer:

- **Wi-Fi assurance:** Automated, AI-native wireless operations that assess any wireless device – from scanners to robots to vending machines – minute-by-minute to make Wi-Fi predictable, reliable and measurable with unique visibility into user service levels.
- **Automation, flexibility and speed:** Juniper's Zero Touch Provisioning automates and speeds the deployment of APs by reducing manual configuration requirements, and offers templates to help ensure teams spend less time on individual AP configurations. An open and programmable microservices architecture can provide agility, scalability and flexibility via continuous feature delivery with minimal downtime.
- **Self-driving automation:** Proactive radio frequency (RF) adjustments, dynamic packet capture and automated Root Cause Analysis for faster and more accurate troubleshooting. By automating tasks and reducing the need for manual intervention, Juniper Mist helps keep wireless network deployment and management costs under control.
- **Performance:** Support the latest Wi-Fi standard, accessing up to 1200Mhz of clean RF spectrum,² a Wi-Fi "superhighway" for Wi-Fi 7 capable devices.
- **Threat awareness:** Security may be extended across all points of connection.

Wi-Fi assurance on a minute-by-minute basis ensures all experiences matter by allowing customers to set up and track key wireless criteria (pre- and post-connection metrics), such as time to connect, capacity, coverage and throughput. Assuring service-level expectations for key Wi-Fi performance metrics, this intelligent automation saves time and money while helping to ensure business-critical reliability.



Gain a comprehensive platform for digital innovation

Insights for optimal user experiences

Measure and metric user experiences, and optimize what matters most. Get out-of-the-box, actionable insights about the network and devices to stay on top of connectivity issues, diagnose issues on the horizon, and know more about customer dwell times, worker movement patterns and equipment status.

Integrated location services

With highly accurate, Wi-Fi integrated location services that use virtual beacons, and the scalability and simplicity of Bluetooth Low Energy (BLE) antennas, do more with less.³ Locate inventory with more accuracy and with real-time tracking, get visibility of critical assets and personnel, and use indoor wayfinding with turn-by-turn directions. In retail settings and beyond, leverage proximity tracking to assess floor space usage and measure dwell time to gauge and enable personalized product notifications.

Speed for scale

Deploy new branches faster, remediate issues before tickets are even filed and get network updates and feature rollouts with zero scheduled downtime. Verizon and Mist, Juniper's AI-native networking platform, automates the heavy lifting and makes the network work smarter, faster and more accurately. Customers have seen up to 9x faster rollout of new Wi-Fi services with the Mist platform.⁴

Drive outcomes with support from a strong partnership, and a fully managed platform that:

- Provides industry-leading, experience-first Wi-Fi while reducing IT cost and operational complexity
- Wi-Fi integrated location services power inventory analytics, including zone dwell time, proximity tracking and analytics to help improve operations
- Enhances resiliency and security by reducing misconfiguration
- Gives accurate and scalable location services with integrated virtual Bluetooth LE to power wayfinding, without the need for battery-powered beacons or manual calibration
- Makes it easy to quickly patch unforeseen security risks, thanks to support from a microservices cloud architecture
- Offers live visibility views and location history analytics to keep track of critical assets and personnel
- Facilitates improvement of the end-user experience with self-driving, proactive resolution, customizable service levels and personalized mobile experiences at scale

Our solutions allow for the flexibility to choose a self-managed solution, or full management provided by Verizon. Verizon engineers are well-trained and experienced with Juniper's Mist platform, and support with expertise as needed.

Verizon customers also benefit from:

- Flexible and rapid deployment and feature licensing options
- Dramatically reduced new site deployment times with low-touch provisioning
- Design, planning, implementation and network management and technical support
- Location analytics, usage reporting and statistics on service-level expectations parameters
- Single point of contact across the entire solution

Learn more about Managed SD Branch from Verizon and Juniper Networks

Juniper's Mist Platform Webpage

Juniper Campus and Branch Solutions



1. Juniper Networks, Sentara Healthcare case study. Results may vary.

2. Where permitted by country regulations.

3. Juniper Networks, What is virtual Bluetooth LE (vBLE) technology?

4. Juniper Networks, Dartmouth College case study. Results may vary.