

Deliver an Unparalleled User Experience and Simplify Operations with Juniper and Mist

Users expect a great wireless experience. Yet many organizations are stuck with legacy wireless LANs that simply can't deliver the performance, scalability, and simplicity that's needed to meet the demands of today's mobile, cloud, and IoT world.

As a Juniper customer, you know the operational simplicity and unparalleled performance and reliability of Juniper switching solutions. Now, by adding the Mist wireless LAN platform, you can extend that experience to users of mobile and IoT devices, delivering on the promise of an AI-driven network from edge to core.

By applying the power of the AI-powered Mist Cloud across the enterprise network, Juniper is a force multiplier for the AI-driven enterprise, simplifying how enterprises deliver an amazing digital experience.

1. Ensure an unparalleled user experience.

Mist is a wireless LAN platform built for today's mobile, IoT, and cloud world. While other WLAN products were designed long before smartphones, cloud, and AI, the Mist platform is built on a modern microservices cloud architecture that combines AI, machine learning, and data science with the latest cloud technologies, delivering an unparalleled user experience.

Mist leads the convergence of Wi-Fi, Bluetooth Low Energy (BLE), and IoT with enterprise-grade access points. APs handle data collection, analysis, and policy enforcement, along with machine learning, location services, and event correlation. APs also support the newest Wi-Fi 6 (802.11ax) technology for environments with soaring densities of mobile and IoT devices as well as Wi-Fi 5 (802.11ac).

2. Simplify network operations with automation.

Wireless networks are more critical to business operations than ever, yet increasingly difficult to troubleshoot. When problems take too long to solve, business is disrupted. But automation and AI can deliver operational simplicity and a more resilient network. Marvis, the Mist AI-driven virtual network assistant, brings to life a "driver assist" mode for your enterprise network, simplifying troubleshooting and network performance analysis.

Ask questions and get intuitive answers on par with a wireless expert that lets your IT team spend less time on network configuration, operations, and troubleshooting, and more time on strategic projects.

With Mist Wired Assurance, Juniper Networks® EX Series Ethernet Switches continuously deliver network telemetry to the Mist Cloud. Data is analyzed to create unprecedented visibility into wired service levels, giving IT a clear view into the health of Juniper switches, while Marvis proactively detects problems before network services are negatively impacted.

3. Reimagine your IT operations model with AI.

IT transformation is complex, and the old, reactive way of manually operating IT infrastructure can't keep pace with today's speed and scale. With Juniper, you can apply predictive, AI-driven operations to efficiently meet escalating service levels and business needs. Instead of manual actions, Juniper employs programmatic tools, open interfaces, and data insights to drive operations from users and devices in your campus and branch locations across the wider enterprise.

Join Us for the New Era of IT

AI-driven IT operations is a journey. With a Juniper network, you can migrate your enterprise framework to an automated, software-defined multicloud at your own pace—and under your own control.

To learn more about deploying the Mist WLAN platform with your Juniper wired network, please visit www.juniper.net/us/en/products-services/wireless/mist/.

What the Analysts Are Saying

- Gartner named Mist a Visionary in Magic Quadrants for Wired & Wireless LAN.ⁱ
- Gartner named Mist a Visionary in the Magic Quadrant for Indoor Location Services.ⁱⁱ
- Gartner named Juniper a Leader in the 2019 Magic Quadrant for Data Center Networking.ⁱⁱⁱ

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ⁱ Gartner Magic Quadrant for the Wired and Wireless LAN Access Infrastructure, Bill Menezes, Christian Canales, Tim Zimmerman, Mike Toussaint, 24 September 2019.

ⁱⁱ Gartner Magic Quadrant for Indoor Location Services, Global, Tim Zimmerman and Annette Zimmermann, 28 January 2019

ⁱⁱⁱ Gartner Magic Quadrant for Data Center Networking, Andrew Lerner, Mike Toussaint, Jonathan Forest, 15 July 2019.

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