

REVOLUTIONIZE THE NETWORK FOR MODERN HEALTHCARE

Digital transformation in healthcare is vital, and the transformation of the underlying infrastructure is essential. Unfortunately, the complexity of traditional IT architectures prevent rapid adaptation, limit choice, and increase operational costs. The network is the lifeblood of modern healthcare. Foundationally, it must be reliable, secure, and interoperable. However, to truly accelerate digital health, it must deliver automation and insights. By leveraging AI and data science tools, the network can now deliver optimized experiences and simplified network operations for patients, guests, and staff.

Healthcare of Tomorrow

- Proactive, automated, and insight driven for better care and experiences regardless of location
- Cloud, device, system, and sensor-ready with connectivity driving zero-harm assurance from hospital to home
- Borderless with visibility across the medical enterprise driving improved resource utilization and performance
- Threat-aware to stop breaches and meet regulations such as HIPAA, PCI, GDPR, SOX, and others
- Location-aware to track medical resources, engage patients, and improve organizational safety

Network Innovative Outcomes

Healthcare Providers

- Deliver reliable and consistent network connectivity for patients, guests, and staff
- Reduce wait times and missed appointments with turn-by-turn navigation
- Eliminate delays associated with locating wheelchairs, pumps, ventilators, and other critical assets
- Improve safety and hygiene by mapping foot traffic patterns and integrating door lock systems and hand sanitization stations

Life Sciences

- Support mission-critical R&D efforts with carrier-grade networks
- Improve manufacturing floor productivity, workflows, resource allocation, and asset visibility and utilization
- Increase product security, consumer safety, and quality control procedures
- Enhance collaboration and remote support

AI-Driven Healthcare Solution

Juniper, driven by Mist AI™, delivers:

- Superior experiences for clinicians, staff, and patients
- Simplified networks natively integrated with data science tools and AI for IT operations (AIOps)
- A robust portfolio of cloud-ready, cloud-managed switches, access points, and SD-WAN edge devices
- Faster MTTR with proactive troubleshooting and root-cause analysis
- A microservices cloud delivering unprecedented scale, insight, agility, and automation features
- New, strategic business value with location services without overlay software or physical beacons
- Open and programmable API integration with third-party workflows

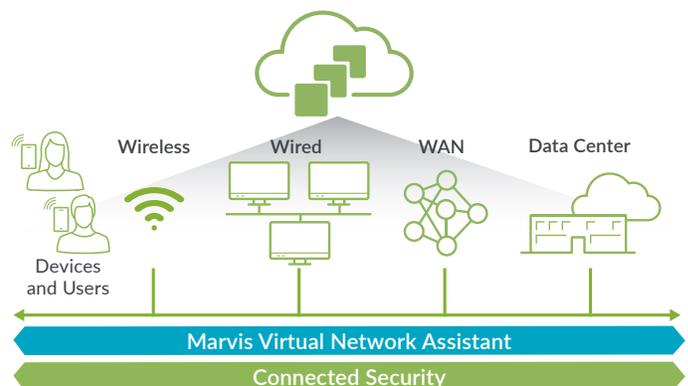


Figure 1. Healthcare solutions from Juniper Networks, driven by Mist AI

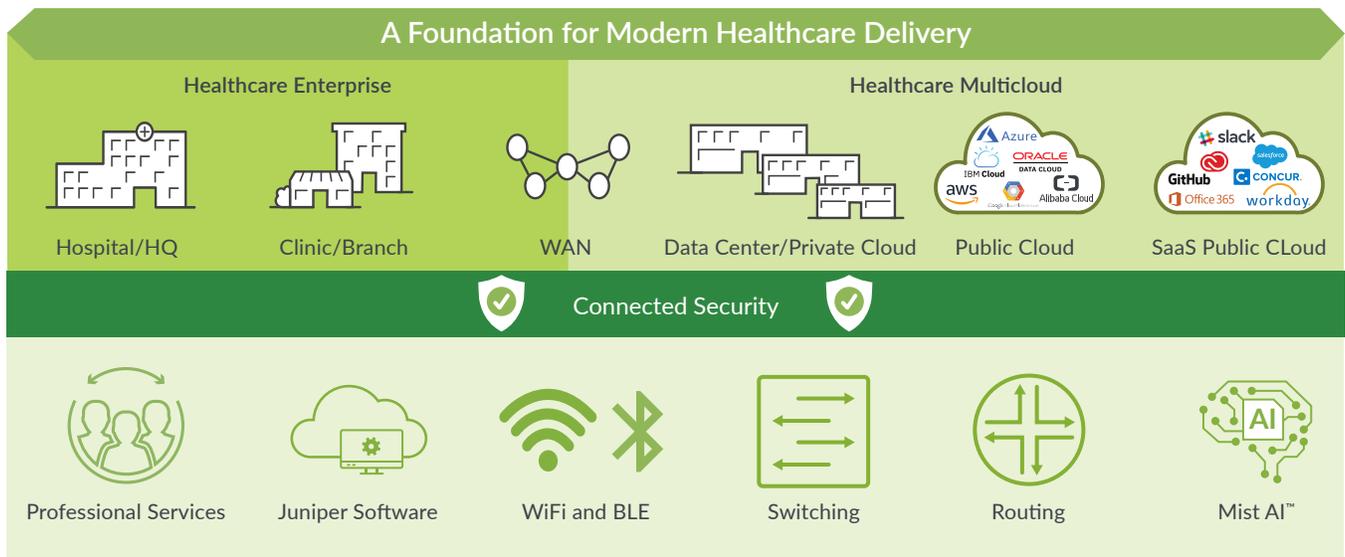


Figure 2: Juniper Connected Security offers cyber protection for healthcare organizations

Juniper, driven by Mist AI, empowers healthcare IT leaders to deliver simplified experiences for those who run networks and the patients, clinicians, and staff who depend on them. Juniper solutions deliver industry-leading insight, automation, security, and AI for improved IT operations resulting in better experiences and health outcomes.

Customers

Get to know how healthcare providers are delivering quality care with a modern healthcare network.

- [The Orlando Veterans Administration Optimizes the Patient Experience with Mist](#)
- [Clinical Transformation Allows Hospital for Special Surgery to Care for New York's Critically Ill](#)
- [Northeast Georgia Health System Improves Community Health with AI-driven Juniper Network](#)
- [El Centro Regional Medical Center Eliminates Chronic Wi-Fi Pain with Juniper Mist](#)

Quick View of Juniper Cloud Services, Driven by Mist AI

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Juniper Mist™ Wi-Fi Assurance: Make Wi-Fi predictable, reliable, and measurable. Automate operations, save time and money, and get unprecedented visibility into the Wi-Fi user experience.
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Juniper Mist™ Wired Assurance: Deliver better experiences for connected devices with AI-powered automation and service level. Leverage rich Junos® telemetry from Juniper Networks® EX Switches to enable simpler operations, shorter mean time to repair, and improved visibility.
- 
Juniper Mist™ WAN Assurance: Bring AI-driven insights for the WAN and branch into your Juniper secure SD-WAN solution. Shift the focus from network and application behavior to actual user experiences.
- 
Marvis™ Virtual Network Assistant: Get to know the industry's first virtual network assistant. Marvis helps IT teams get to answers with streamlined operations and simplified troubleshooting—helping to boost user experiences.
- 
Risk Profiling: Risk Profiling driven by Mist AI empowers IT teams to defend infrastructure by providing deep network visibility and enabling policy enforcement at every point of connection throughout the network.
- 
Juniper Mist™ Premium Analytics: Gain network visibility and business insights to drive your digital transformation journey. Really understand business operations while overcoming the complex challenges associated with the influx of big data from network and client endpoints.
- 
Juniper Mist™ User Engagement: Leverage patented Virtual BLE (vBLE) array technology and Mist AI to drive down deployment costs and improve the accuracy of indoor location services, from wayfinding to location-based proximity notifications.
- 
Juniper Mist™ Asset Visibility: Make it easy to find critical assets and resources, with detailed location analytics at your fingertips. Juniper vBLE technology leverages the same infrastructure for engaging with mobile users, reducing the need for overlay sensors or physical beacons.

Industry Recognition of Juniper

Gartner¹

- [Leader in Gartner 2021 Magic Quadrant for Wired and Wireless LAN Access Infrastructure](#)
- [Leader in Gartner 2022 Magic Quadrant for Indoor Location Services](#)
- [Gartner Peer Insights 2021 Customers' Choice for Wired and Wireless LAN Access Infrastructure](#)²
- [Visionary in Gartner 2021 Magic Quadrant for WAN Edge Infrastructure](#)
- [Challenger in Gartner 2021 Enterprise Network Firewalls](#)

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²Gartner Peer Insights Customers' Choice constitute the subjective opinions of individual end-user reviews, ratings, and data applied against a documented methodology; they neither represent the views of, nor constitute an endorsement by, Gartner or its affiliates.

About Juniper Networks

At Juniper Networks, we are dedicated to dramatically simplifying network operations and driving superior experiences for end users. Our solutions deliver industry-leading insight, automation, security and AI to drive real business results. We believe that powering connections will bring us closer together while empowering us all to solve the world's greatest challenges of well-being, sustainability and equality.

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