AI-NATIVE ENTERPRISE SOLUTIONS
Wired, Wireless, & SD-WAN (Full Stack) driven by Mist AI

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NETWORKS® | Driven by Experience™

WHY CHOOSE AI-NATIVE FOR HEALTHCARE?

Gartner Magic Quadrants – A LEADER

Wired and Wireless LAN Infrastructure

Indoor Location Services

Gartner Magic Quadrant for Wired and Wireless LAN Access Infrastructure by Bill Menezes, Christian Canales, Tim Zimmerman, Mike Toussaint, November 2022.
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Gartner Magic Quadrant for Indoor Location Services by Tim Zimmerman, Annette Zimmermann \, Feb 2022.
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Driven by Experience

Juniper Networks Healthcare

Customer Challenges to Customer Value

AI-Native Enterprise Full Stack Solutions

Challenges

- Increasing complexity & limited visibility
- Constrained resources
- Network unpredictability
- Throttled network responsiveness
- Rising security threats

Key Objectives & Initiatives

Reduce complexity	Optimize operations	Prioritize CX	Improve ROI

FRONT OFFICE

Continued digital transformation

Scale to meet the increase in SaaS, users, and devices

Flexible and secure network for hybrid work, evolving lifestyles

Real-time communication / collaboration

AIOps & Wi-Fi6e

BACK OFFICE

IoT Sensors, asset tracking

Sustainability

Smart Inventory

Better integration

API Security

Video Analytics and Surveillance

Enterprises need network simplicity, reliability, and high performance at scale

JUNIPER NETWORKS

Substantially Better

Key Differentiation
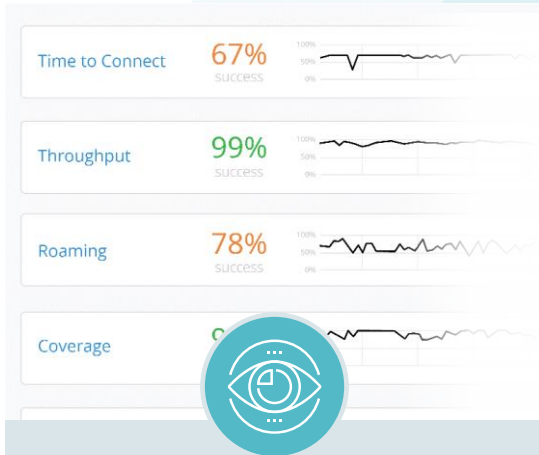
Client Level Visibility

AI-driven Operations and Support

Microservices Cloud for Agility

Digital Engagement with Virtual BLE

UNDERPINNED BY A 100% OPEN API DRIVEN ARCHITECTURE

Delivered Across the Full Stack

AI-Native Enterprise Portfolio

Product Innovations

- ➤ AI-driven Access Assurance (cloud NAC)
- ➤ ChatGPT with Marvis for documentation
- ➤ Zoom Continuous User Experience Learning
- ➤ AP24 entry level Wi-Fi 6E access point
- ➤ Marvis application in Teams

Artificial Intelligence

Juniper Mist Cloud

Microservices
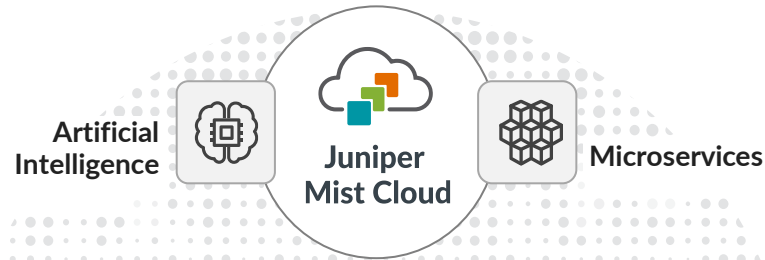
AI-Driven Cloud Services

Virtual Network Assistant

Marvis
- AI-Native Problem Solver
- Conversational Assistant

Marvis Actions
- Proactive Network Insights & Remediations
- All Encompassing Network Visibility

Premium Analytics

Wi-Fi Assurance

User Engagement

Asset Tracking

IoT Assurance

Access Assurance

Wired Assurance

WAN Assurance

Wireless Infrastructure

Mist Edge

AP Series

BT11 (BLE)

Improve experiences and revenue with Indoor Location Services

Wired Infrastructure

EX Series

QFX Series

WAN Infrastructure

SRX Series

SSR Series

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Secure, AI-driven SD-WAN

High performing | Scalable | Zero Trust Secure

- **Instantaneous failover for voice, video, and critical apps**
- **Fast and seamless application performance**
- **Enhanced bandwidth utilization**
- **PCI Compliant**
- **IDS/IPS & URL Filtering**

- **Manage full-branch offerings under a single, multi-authority management console**
- **Tunnel-free architecture**
- **Real-time insight into user experience with WAN Assurance**
- **Immediate root cause discovery**
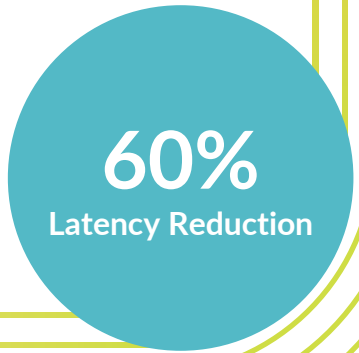
" **With Juniper SSR we accomplished in 3 weeks what we were unable to do with MPLS."**

— **Datacenter & Networking Platform Owner**

ÖSSUR®
LIFE WITHOUT LIMITATIONS

SSR120 SSR130 SSR1000

Madrid Desktop Madrid 1U SR530

1515B 1515A SR570

WAN Assurance

60% Latency Reduction

A VISIONARY

SD-WAN Infrastructure

Gartner®

2023 MAGIC QUADRANT

Leader in Wired LAN

Best-in-class connectivity with EX and Mist AI

- Streamline EVPN-VXLAN deployment with 3-Step Camps Fabrics

- Cloud-based ZTP

- AI-powered insights to better understand real-time experience for throughput, successful connects, and switch health

- Automated troubleshooting of "needle in haystack" problems like misconfigured VLANs and bad cables

- Unified full stack with wireless and WAN for complete client-to-cloud visibility.

EX4600

EX4650

EX4100

EX9200

EX9250

Wired Assurance

EX2300

EX3400

EX4300

EX4400

Access Assurance

Roll out fabrics in minutes not in weeks.

"With Mist AI integrated into the Juniper network, a small team can manage a vast network with 1,000 switches and 60 buildings on three campuses."

- CTO & Deputy CIO, Univ. of Texas SA

A LEADER

Enterprise Wired & Wireless LAN Infrastructure

Gartner

2024 MAGIC QUADRANT

Gartner names Juniper furthest in Vision and highest in Execution.

Leader in Wireless LAN

Reliable and consistent Wi-Fi, everywhere

- **Customizable service levels; down to the client**

- **Eliminate truck rolls with dynamic packet capture**

- **Fast mean time to repair with automated event correlation and proactive AI-driven actions**

- **Cloud-based dashboard with microservices architecture**

- **5-Star Rating on Gartner Peer Insights**

- **Up to 802.11ax (Wi-Fi 6e): 4x4:4**

- **Auto placement & orientation (RRM)**

- **Rapid deployment with QR code scanning**

AI-Driven Cloud Services

Premium Analytics

Wi-Fi Assurance

User Engagement

Asset Tracking

IoT Assurance

Access Assurance

90% of network errors slashed

Mist Edge

AP Series
Deployment models available for both Indoor & Outdoor

BT Series
BT Series exclusively for Bluetooth® Low Energy

"**85%** reduced site visits"
— **Network and Cloud Architect**

GAP

A LEADER

Enterprise Wired & Wireless LAN Infrastructure

Gartner

2024 MAGIC QUADRANT

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Juniper Business Use Only

Easiest Day 0, 1, 2 Operations in the Industry

A Scan and claim your devices to deploy industry leading Wired, Wireless, and WAN access
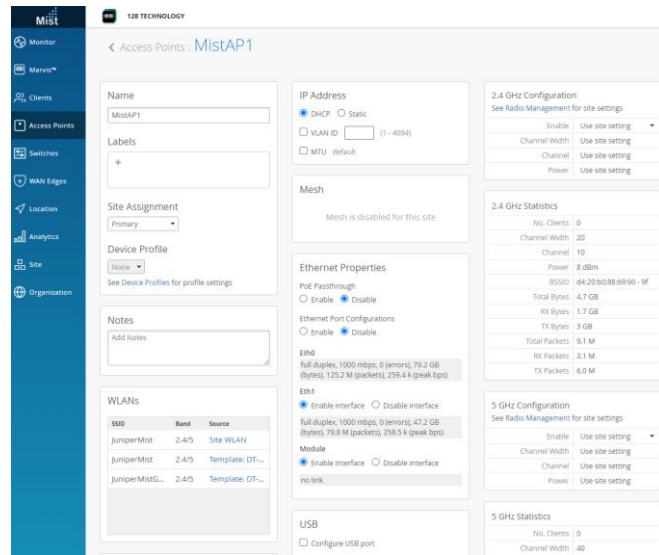
B Apply policy/config via templates and remotely pushout updates from the Mist portal

C Deliver best-in-class connectivity throughout all your enterprise locations

Assured Experiences for Wi-Fi, Wired, and WAN

Automated operations make enterprise networks more predictable, reliable, and impactful

Enterprise network managed out of Mist AI Cloud

- ✓ **Proactive optimization of wireless performance**

- ✓ **Dynamic packet capture for rapid IT troubleshooting**

- ✓ **Automatic root-cause identification**

- ✓ **Network automation via APIs featuring native Zoom & Teams insights**
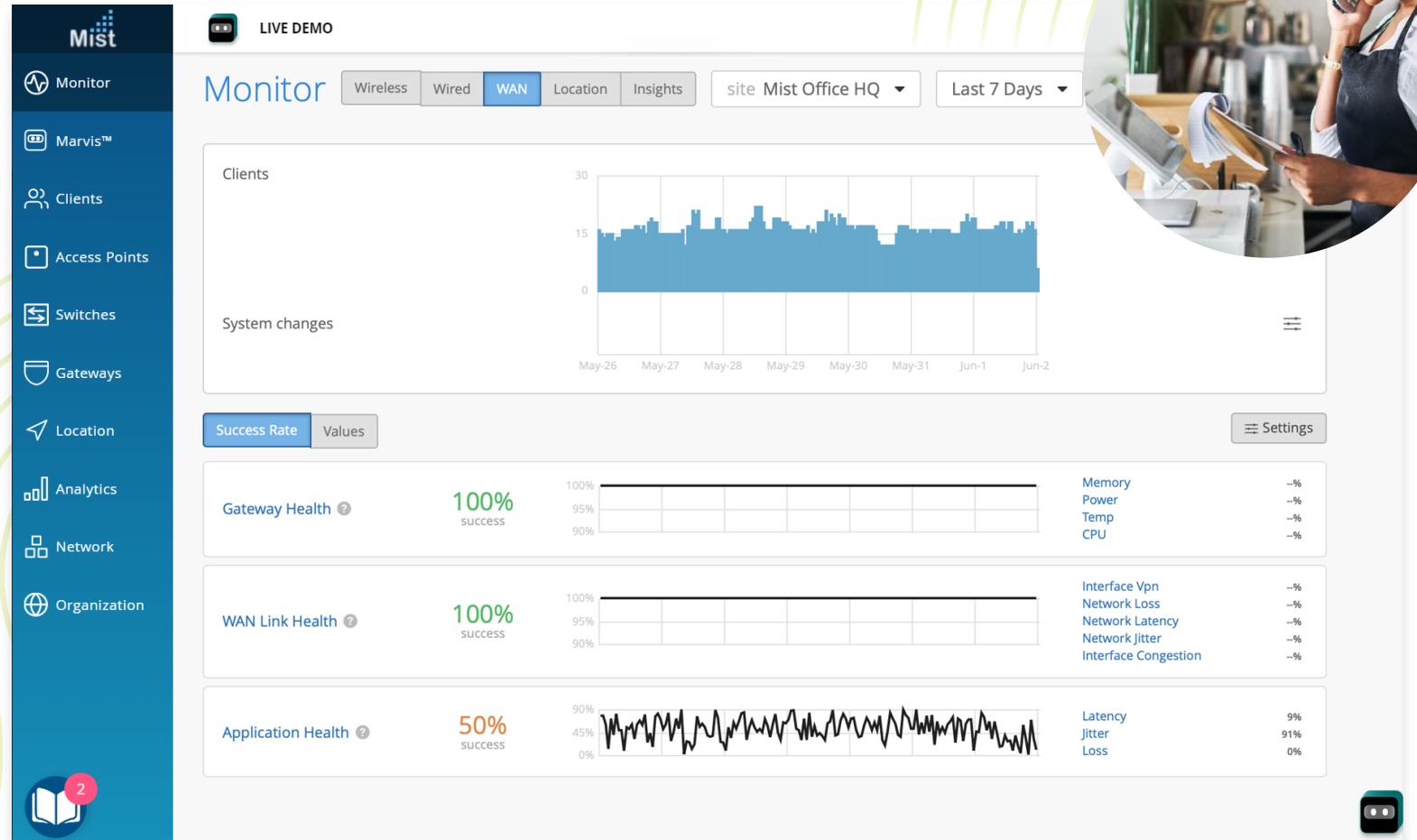
Marvis |
Virtual Network Assistant (VNA)

| Marvis Actions | Conversational AI interface |

Delivers self-driving network

Automatic actions

Driver Assist to recommend actions

- **Track upgrades**
- **Fix misconfigured ports/VLANs**
- **Identify bad cables**
- **Find L2 loops**
- **Identify device compromise and risk to the network**

Marvis |
Virtual Network
Assistant (VNA)

Marvis Actions | Conversational AI interface

Transforms how IT interacts with the full stack network

Streamlines operations and boosts experiences

Uses chat (NLP)

Provides deep understanding of issues
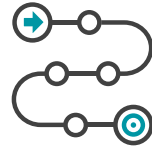
ChatGPT integration for documentation

Leader in Indoor Location

User Engagement & Asset Visibility

Improve customer engagements and get greater control of their mobile journey

Gain additional insights into workflow and productivity with asset visibility

Drive greater revenue through tailored offers, personalized experiences, and optimized product placements

Accelerate digital transformation with scalable and highly accurate location services using vBLE versus physical beacons

"**Mist location is easily deployed via an SDK which can be incorporated in different applications across the VA portfolio.**"

VA | U.S. Department of Veterans Affairs

✓ **Get pervasive and reliable Wi-Fi experience with consistent coverage everywhere**

✓ **Reduced TCO and hardware footprint of an Indoor Location solution**

✓ **From real-time wayfinding with accurate (1-3m) turn-by-turn navigation, to location–based proximity notification and alerts**

✓ **Rich ecosystem of partners to build differentiation**

Make Every User Experience Exceptional

WITH JUNIPER NETWORKS AI-NATIVE ENTERPRISE SOLUTIONS

- Industry's only AI-native full stack of Wireless, Wired, and SD-WAN managed via common AI engine/cloud

- The most automated Day 0, 1, 2 operations – *Juniper ranks #1 in Gartner Critical Capabilities*

- AI-driven insights into user experience, not just network SLAs

- Microservices, cloud-based architecture to deliver simplicity, end-to-end assurance, security, and scale

- Integrated Access Assurance and Indoor Location to simplify operations and elevate experiences

10,400 + **120** + **50** + **24/7 AVAILABILITY**
EMPLOYEES LOCATIONS COUNTRIES TO ADDRESS ALL CUSTOMER NEEDS

777,000 LBS | **1ST COMPANY**
OF CARBON EMISSIONS SPARED IN 2020 | TO PACKAGE WITH 100% RECYCLED OBP

96%
Reduction in trouble tickets

The Only Leader of Both Gartner Magic Quadrants

A LEADER

Indoor Location Services
—
Enterprise Wired & Wireless LAN Infrastructure

Gartner

2024
MAGIC QUADRANT