

Juniper AI-Driven Enterprise for Service Providers

Quick Guide

As service providers look for ways to maximize value for their customers while increasing overall profitability, differentiated managed services are key.

The Juniper AI-Driven Enterprise can help your managed services stand out from the rest.

AI-driven automation saves time and money while ensuring business-critical reliability. AI-driven insights provide the necessary visibility to optimize what matters most – end user experiences.

Juniper uniquely brings it all together in a unified client-to-cloud portfolio, covering Wireless LAN, SD-Branch, SD-WAN and security.

Easy to setup and manage. Simple to scale. Highly differentiated and customizable to meet your customer's needs. This is why the top service providers in the world leverage the Juniper AI-Driven Enterprise portfolio to differentiate their managed services.



Assurance

Superior user experience and SLAs are delivered through visibility at the client, application, session, device, and network levels.



Cloud-Now and Cloud-Ready

A microservices architecture provides agility, scalability, and flexibility via continuous feature delivery with minimal downtime.



Self-Driving Automation

Integrated AIOps and programmability offer proactive insights with automated support and operations.



Threat Aware

Security is extended across all points of connection.

AI-Driven Enterprise Platforms



Wireless LAN (with optional Indoor Location)

Juniper changed the WLAN game with a modern, cloud-native platform that leverages Mist AI to make Wi-Fi predictable, reliable, and measurable. With integrated virtual BLE and IoT, Juniper enables highly scalable and customizable indoor location services like user engagement and asset location.



Secure SD-WAN

Juniper's unique Session Smart Routing technology provides unparalleled insight into user experiences, while ensuring ease of scale. Policies are simple to deploy and manage with zero trust security "out of the box".



Wired LAN

Juniper combines enterprise-grade scale and performance with the ease of cloud management and AI-driven operations (AIOps). Simple tools for policy configuration and fabric management make it easy to setup and manage branch, campus, and data center switching environments.



Security

Juniper Connected Security uniquely protects your customer's business, unifying all network elements into a threat-aware network. It dynamically enforces security policies across every point of connection, leaving a much smaller attack surface.

Robust Cloud Services

- Mix and match for individual customer's needs
- Subscription model delivers recurring revenue



WI-FI ASSURANCE

Juniper provides the industry's most robust WLAN with customizable service levels, automated event correlation, dynamic packet capture, inline policy engine, personalized WLAN's, guest Wi-Fi and more.



WIRED ASSURANCE

The Wired Assurance service brings robust data from Junos switch telemetry into the Mist microservices cloud and AI engine for simpler operations, shorter mean time to repair and better visibility into the end-user experiences.



WAN ASSURANCE

The WAN Assurance cloud subscription enables simpler operations, better visibility into end-user experiences and shorter mean time to repair for your WAN.



MARVIS VIRTUAL ASSISTANT

Simple natural language queries and integrated help desk functions ensure unprecedented insight and rapid, proactive Wi-Fi problem resolution.



PREMIUM ANALYTICS

Increase your network IQ to accelerate your digital transformation. Premium Analytics offers enterprises end-to-end network visibility and business insights to support this transformation.



USER ENGAGEMENT

Deliver rich user experiences with real-time location-based context, including turn-by-turn directions, proximity-based notifications and alerts through Virtual Bluetooth LE. No battery beacons or manual calibration required.



ASSET VISIBILITY

Locate high value assets, such as wheelchairs, equipment carts, and pallets. Find nearby sales associates, nurses, and more. Traffic analytics enable better business decisions and ensure optimal allocation of resources.



RISK PROFILING

Risk Profiling driven by Mist AI brings network security to the distributed access network edge, such as campus and branch, and work-from-home sites. It extends security beyond the internet perimeter without requiring a new tool. Infected wired or wireless clients that are observable by Mist AI are assigned a threat score determined by the Juniper ATP Cloud.

Best-in-Class-Hardware

Wireless Infrastructure



Wired Infrastructure



WAN Infrastructure



Juniper Services

To help put the technology together, accelerate time to value, and de-risk network investments, Juniper offers an evolving lifecycle suite of services that aligns AI with people, process, and technology. Through insights, automation, and flexible services, Juniper provides assured assistance and advantage across the entire change management spectrum.

Summary

Juniper's AI-Driven Enterprise is a transformational approach to networking that uses AI to help service providers grow and differentiate their managed services through experience. Its client-to-cloud visibility, controllability, and automated actions proactively identifies and resolves problems, so that you can improve SLAs and offer the best user and IT experience.



Corporate and Sales Headquarters

Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or +1.408.745.2000
Fax: +1.408.745.2100
www.juniper.net

APAC and EMEA Headquarters

Juniper Networks International B.V.
Boeing Avenue 240
1119 PZ Schiphol-Rijk
Amsterdam, The Netherlands
Phone: +31.207.125.700
Fax: +31.207.125.701

PN: 3050130-001-EN