JUNIPER NETWORKS

Become an SD-WAN Hero

Use the Power of AI to Unlock These 5 SD-WAN Superpowers

AI-driven SD-WAN powered by Session Smart™ is the only tunnel-free and session-aware SD-WAN solution. The tunnel-free architecture reduces bandwidth consumption, improving goodput percentage and user experience while minimizing costs and complexities. **Read more. →**

Session awareness allows routers to prioritize traffic and follow different security policies for different applications and users. AI-driven SD-WAN enables superior experiences for end-users and IT professionals.

See how you can become your organization's SD-WAN hero with these 5 AI-driven SD-WAN superpowers.

---
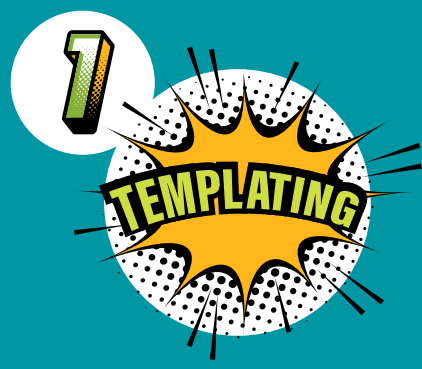
1 TEMPLATING

You need to configure and deploy 10,000 routers quickly. Deep breaths. With AI-driven SD-WAN templating, you've got this. Not only is it easy to use, it's also flexible and allows you to automate and expedite configuring and deploying new routers, services, and policies.

- **Simplify scaling one-to-many sites**
- **Minimize the number of configurable elements that need to be adjusted**
- **Eliminate inconsistencies**

---

2 ADAPTIVE ENCRYPTION

We know that traffic needs to be encrypted. We also know this can impact performance. Good news: With AI-driven SD-WAN, you don't need to sacrifice performance for security.

AI-driven SD-WAN is a tunnel-free architecture, which adaptively encrypts traffic, saving precious bandwidth while bolstering defenses.

- **Ensure security without compromising performance**
- **Minimize headend infrastructure needed to support IPsec tunnels**
- **Boost application performance for improved user experience**

---

3 INFLOW PERFORMANCE MONITORING
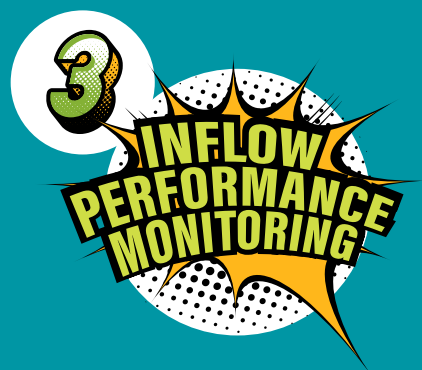
Accurately measuring user experience without negatively impacting it is a challenge. Especially when so many solutions use bandwidth-intensive, out-of-band probes to measure network performance.

Enter AI-driven SD-WAN. It approaches performance monitoring differently, measuring performance frequently in band, or inflow, with the sessions themselves—all without using a significant amount of bandwidth.

- **Get better visibility with more accurate measures of network performance**
- **Enhance AI engine accuracy with more accurate performance data**

---

4 AI-POWERED WAN ASSURANCE

AI-powered WAN Assurance gives you granular visibility into network issues and actionable insights. You can find out exactly what WAN issues are causing poor end-user experiences from an intuitive dashboard—or by simply asking Marvis, Juniper's AI-driven virtual assistant. The big benefit: You can solve issues that impact the user experience before the user even notices.

- **Get instant insights into WAN user experiences**
- **Identify network issues with proactive anomaly detection**
- **Reduce mean time to repair**

---

5 SESSION CAPTURE

AI-driven SD-WAN gets you the information you need to find and fix network issues easier and faster. Gone are the days of filtering out useless data and searching router by router with other packet capture tools. The Session Capture tool allows you to track a specific packet, hop by hop, across the network.

- **Execute session-based packet captures across 2 or more routers**
- **Set up packet captures intuitively and receive the exact data you need**
- **Perform automated, trigger-based captures**

With these 5 AI-driven SD-WAN superpowers, you'll be an SD-WAN hero in no time.

SD-WAN

Added bonus: No one has to know how easy it was to get there.

To learn more about what AI-driven SD-WAN can offer, join our weekly WANsDay Demo Webinar.

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

JUNIPER NETWORKS