

5 Reasons

Why You Should Partner with Juniper Networks for IoT

As you expand IoT deployments from early experimentation to business scale, are your network and cyber security ready? Can your network handle the volume of data, variety of devices, and velocity of innovation? Does the network defend against an exponential increase in IoT threats? Let us help you. Juniper Networks enables organizations to connect, secure, and innovate IoT at scale. Anytime, anywhere, and everywhere. Juniper delivers:

1

Carrier-Grade Reliability that meets the most stringent requirements for IT/OT convergence. For industrial IoT, such as manufacturing machines, grid operations, and autonomous vehicles, even five minutes of unplanned downtime is too much. With Juniper's proven reliability and solutions honed at the world's largest service providers, you can be confident that your IoT network will deliver six-nines availability. That's less than 32 seconds of downtime a year.



2

Adaptive Security that protects IoT data, assets, and critical infrastructure while ensuring compliance. Most IoT endpoints lack even basic security. IoT security requires a paradigm shift. Juniper's Software-Defined Secure Network (SDSN) activates your existing network as a unified cybersecurity platform that leverages analytics, machine learning, and automation for real-time visibility, threat detection, and distributed policy enforcement. Defend against the explosion of known and unknown IoT threats.



3

Flexible Segmentation powered by network virtualization. With new ideas, rapid technology evolution and various groups of customers that you serve, chances are you won't just support one single IoT use case or application. With Juniper's award-winning SDN/NFV solution with node slicing capabilities, you can use a shared physical underlay IP network with virtual overlay segmentation to support multiple IoT use cases and tenants with radically different requirements, securely and efficiently.



4

Self-Driving Automation that fundamentally solves the operations challenge from IoT at scale. IT budgets are flat, but IoT initiatives are scaling fast. Smart IoT evolution requires smart networks. Network automation is no longer a nice-to-have, but a must-have. Juniper automation simplifies the deployment, configuration, provisioning, operations, and management of IoT networks. And that leaves network managers (practically) hands-free, easing their burden.



5

Ease of Integration that brings down IoT project costs. At most organizations, half the cost of implementing IoT solutions will be spent on integration. Our commitment to openness and a standards-based approach bring interoperability, which makes multivendor integration much simpler and more cost-efficient and gives you freedom of choice. With Juniper's distributed edge cloud solution, you can take advantage of both edge computing and cloud computing, with seamless connectivity, security, and orchestration.



The Self-Driving Network™, a network that is predictive, responsive, and ultimately, adaptive to its environment, is our vision and strategy for IoT. Partner with Juniper, and unlock the full potential of IoT at scale.