Top 5 Reasons to Switch

Simplify Your Network for the Digital Age

BUILD MORE THAN A NETWORK™
Juniper Networks® EX Series Ethernet Switches deliver unparalleled performance, simplicity, and savings for campus and data center deployments. As part of the Cloud-Enabled Enterprise, EX Series switches reduce your operational expenses while ensuring a positive customer experience.

Top 5 Reasons to Choose Juniper Networks EX Series Switches

1. **Simple Operations:** Enterprise networks include multiple layers of products and technologies. Managing these networks is labor-intensive and complex, exposing users to human error that accounts for up to 35% of downtime. The Cloud-Enabled Enterprise helps organizations simplify their networks so they can embrace digital transformation. The EX Series switching portfolio improves performance while reducing the complexity, cost, and training needed for network operations. How? In an enterprise campus network, Juniper’s unique Virtual Chassis technology allows up to 10 interconnected EX Series switches to operate as a single, logical device offering up to 480 ports. When applied to a traditional multitier enterprise network, Virtual Chassis reduces the number of managed devices by up to 90%. Juniper’s Junos® Fusion Enterprise technology further expands simplified scalability by supporting up to 6,000 ports across multiple wiring closets and buildings, all as part of a single, logical device. Fewer logical switches to manage means more time to grow your business.

“For Merit, education is job #1. Twelve four-year public universities govern Merit Network, cementing the network’s role as an education enabler. With Juniper Networks, we are constantly improving the network and building out the infrastructure to provide cutting-edge support for higher learning and K-12 education.”

- Elwood Downing
  VP, Business Development and Community Networks
  Merit Network

Read IDG’s new report on the value of simplifying your network.
**Simple Portfolio:** Finding the right switch for your specific needs can be difficult when presented with so many options. The EX Series switching portfolio is tailored to meet every enterprise switching need, supporting everything from access to aggregation to core deployments. For each use case, Juniper offers clearly differentiated entry-level, midrange, and high-end switches; simply use the Network Product Selector to quickly find the right switch for your network. Furthermore, Juniper Networks Junos operating system runs across all Juniper products, including the EX Series switches. This means you can deploy any EX Series switch and be assured of consistent operations and management.

**Support Business Agility:** In 2015, global cloud application adoption increased by 71%, nearly tripling in some industries since 2014. As this trend continues, enterprises need to have the right infrastructure to support these cloud-based applications. Furthermore, applications such as video and Unified Communications and Collaboration (UCC) require networks that are agile, scalable, and reliable. Juniper’s Cloud-Enabled Enterprise solution is future-proofed, letting businesses adapt to ever-increasing bandwidth requirements. Juniper’s Junos Fusion Enterprise and Virtual Chassis technologies enable the EX Series switching portfolio to scale on demand reliably, allowing your network to grow at the pace of your business.

*See how Juniper’s enterprise networking solutions compare to other vendors?*
Automation and Programmability:
Manual network configurations are vulnerable to human error, accounting for nearly 68% of total cost of ownership (TCO). But the issues associated with manual network configuration extend beyond TCO; they also increase time-to-provision, require engineering resources and training, and increase the likelihood of network downtime. In order for businesses to keep up with dynamic market changes, the network must be agile and programmable. EX Series switches are built to simplify network operations with a number of automation and plug-and-play features. Zero touch provisioning (ZTP) means that newly deployed EX Series switches are automatically provisioned with the appropriate software and configuration file based on device type. The EX Series switching portfolio also works with published APIs, allowing you to choose best-in-class technologies that address all of the business needs for your campus and branch—from UCC, WLAN access technology, and third-party network access policies.

“Juniper Networks has helped advance our performance at the race track by allowing our crew chiefs and engineers to receive real-time data quicker than ever before, in addition to the improvements at the race shop.”

- Jim Foley
CTO, Joe Gibbs Racing
Security: The rise of cloud-based applications in enterprises introduces more security risks inside businesses. A full 75% of cloud applications fail to comply with data privacy and security mandates, making cybersecurity the main concern for enterprise IT professionals. The EX Series switches are built with security in mind; as part of Juniper’s Software-Defined Secure Networks (SDSN), which gives you end-to-end network visibility to secure the entire network; EX Series switches act as active points of detection and policy enforcement. This allows you to go beyond perimeter firewall security, enabling you to leverage your network infrastructure as a single enforcement domain, with each switch acting as an enforcement point. For regulated environments that require hardware-based encryption such as federal government and financial services deployments, the EX Series switches provide Media Access Control Security (MACsec) encryption.

TechTarget explains three major challenges to securing your network.

Additional Resources

For more information, visit the Cloud-Enabled Enterprise page on www.juniper.net.