

# High-Performance Networking for the Public Sector

## The Industry Recognizes Juniper Networks

- Products—“Editors’ Choice” and “Best” awards from top networking and security publications
- Standards – founding member of the Trusted Network Connect (TIC) working group within the Trusted Computing Group and the newly formed Industry Consortium for Advancement of Security on the Internet (ICASI)
- Manufacturing—Ingram Micro 2007 Manufacturer of the Year for “Best in Security”
- Partnering—VAR Business and Government VAR “5-Star Partner”
- Service and Support—CRM Magazine 2007 Service Award
- Market—Part of NASDAQ-100 Index

## Operational Innovation Drives Mission Effectiveness

Around the globe, public sector organizations view the network as critical to achieving their mission objectives from military defense departments who are looking to protect their country’s most vital assets to research and education departments looking to expand research knowledge and educate citizens.

As governments shift toward a more network-centric environment, they are looking at ways to empower constituents by not only connecting them to a broad range of online resources via multiple delivery systems, but enabling high-value, high-quality engagements that improve the quality of life. The network is not only the common link for securely connecting people to vital resources, but a strategic enabler for bringing about innovative improvements in how governments serve and protect their constituents.

## Public Sector Challenges

Public Sector organizations are under tremendous pressure to keep up with escalating demands and risks with fewer resources—how to do more with less. These organizations have limited agility to take advantage of new opportunities and pressing operational demands, especially given cyclical spending and fixed budgets. And this constrains their ability to quickly extend the capability of the network to take advantage of new application and service opportunities.

Additional challenges include the need for increased security, network compliance and continuity risks, as well as costly, complicated network upgrades and management requirements that can deplete already constrained resources.

## Juniper Networks High-Performance Networking

Juniper Networks high-performance network infrastructure is the foundation for creating a responsive and trusted environment that meets the requirements of the most demanding public sector organizations in the world. Juniper helps organizations design, implement, manage and scale best-in-class solutions from the core to the edge of their next-generation networks, and gives public sector environments advanced campus, data center and branch architectures, as well as extended architectures to support remote and mobile users.

Juniper’s high-performance networking infrastructure encompasses:

- *Best-in-class IP routing, switching, security and WAN application acceleration solutions* to power and protect the network and the applications and services that run on it.
- *Performance-enabling customer services* designed around a time-to-value model that accelerates, extends and optimizes the value of high-performance networking, and fuels operational innovation.
- *Partnerships* that deliver the full value of networking features and functionality from proven leaders.

Juniper’s high-performance network infrastructure supports converged data, voice, video and wireless applications across extended public sector enterprises, and prepares organizations today for tomorrow’s innovations.

## Juniper Networks’ Innovation in Government

Juniper Networks’ Innovation in Government is based on a high-performance network infrastructure designed to enable next-generation networks to provide a responsive and trusted environment that fuels government transformation. Juniper’s high-performance infrastructure provides a trusted network foundation that helps public sector organizations consolidate and deliver vital information and services to millions of people dispersed

### Juniper Serves the Most Demanding Businesses

- The top 65 service providers, worldwide—wire line, wireless, cable and content providers
- Major defense, intelligence and civilian agencies, and top research and educational institutions
- 96 of the Fortune 100 enterprises, exchanges, banks, insurance firms and healthcare organizations

### These public sector leaders count on Juniper's high-performance networking:

- Arizona Game & Fish
- Internet 2
- Alaska Legislature
- NYSERNet
- HPC
- LIT
- San Juan Water District
- Surrey County Council
- Dante
- Japan Gigabit Network
- Distix
- State of South Carolina Department of Probation, Parole and Pardon Services

throughout the world; ensures the protection of people, privacy and assets; and delivers operational improvements and cost reductions, including reduced administrative, training and troubleshooting costs.

- **Juniper Innovation in Defense**—helps support combat, rescue, peacekeeping initiatives and humanitarian efforts.
- **Juniper Innovation in Justice**—helps personnel quickly respond to terrorist threats, riots, drug trafficking, and other unlawful activity, and supports adjudication/preventive programs.
- **Juniper Innovation in Public Administration**—helps improve interactions and transactions among millions of businesses and citizens dispersed across the globe, as well as to respond to unexpected events such as natural disasters or health epidemics and pandemics.
- **Juniper Innovation in Healthcare**—helps provide healthcare stakeholders with a common view of a person's medical history in order to make timely and accurate decisions.
- **Juniper Innovation in Research and Education**—helps to design and foster the exchange of knowledge, ideas and creativity.

### New Capabilities and Services

By deploying Juniper's high-performance network infrastructure, public sector organizations can accelerate the deployment of new network capabilities and services, to help innovate operations with improved speed, security and scale of network responsiveness:

- **Secure Collaboration**—allows communities and users to collaborate in a real-time, secure environment. Juniper's unique virtualization capabilities within its routing, firewall and SSL/VPN products help to provide secure logical separation of services for departments and agencies across a shared infrastructure.
- **Emergency Preparedness**—ensures that essential functions can continue during and after a disaster, including the prevention of mission-critical service interrupts, and the ability to reestablish full functionality as quickly as possible.
- **Data Center Optimization**—integrates and optimizes technologies in one or more data centers to achieve cost savings, improve/enhance performance and mitigate risk.

### The Juniper Networks Difference—Choice and Control, While Reducing Costs

Juniper public sector customers build their own business future on a network infrastructure that supports flexible, customizable solutions, and attracts the industry's most capable partners. They count on more choice for features and functionality, to meet new business requirements quickly and efficiently.

Juniper's commitment to high-performance networking offers greater control, without compromise to performance or cost. Juniper public sector customers can realize flexibility and savings without the trade-offs associated with single-vendor solutions and services—with the industry's only single, purpose-built, "pure IP" modular operating system, JUNOS® software. With the JUNOS software release cycle, customers can also have the confidence of regular and frequent functionality improvements, and the rich customization and rapid scalability built into every open Juniper platform.

The Juniper portfolio delivers highly available, secure and predictable performance along with the operational stability and ease-of-use that businesses need to be agile and respond to changing market environments. The Juniper commitment to open, standards-based interoperability also attracts global strategic partners who extend and enhance network value through cooperative vendor relationships for a consistent user experience across channels and geographies.



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