

NETWORK TRAFFIC MANAGEMENT

A CASE OF A PROMINENT GOVERNMENT ENTITY

"We needed a secure Network Packet Broker solution with great network visibility, minimum real estate, and low cost. After careful evaluation, we chose Niagara Networks over other vendors because of their exceptional product line and customer responsiveness. Niagara Networks gave us a secure, flexible network infrastructure with a quick turnaround."

CTO, Research Establishment

The client is a prominent government entity focused on Space Research & Development. Being in such a highly technical industry, it stands to reason that the client is also tech-savvy and forward thinking with their plans, investments and projects. They are passionate about finding solutions and services that would help free them from any constraints when working towards their business goal of high-quality and high-end research.

Industry: Government - Space Research Organization

Geography: USA

Employee Size: More than 20,000

BUSINESS CHALLENGE

The client was using a network traffic manipulation solution for their security and bandwidth management needs. Being in research & development, they had a lofty goal to begin supporting newer technologies. However, this goal was difficult to achieve because their existing network environment was burdened with insufficient bandwidth and lack of network agility.

The client was also dealing with new budget allocations and network real estate constraints. Moreover, their current solution didn't offer high port density and the client had to pay a hefty amount for useless features they didn't need. The client had no choice but to search for a more efficient, effective, and cost-conscious solution that would cater to their specific needs of providing high port density, agility, security and network visibility while occupying less network real estate, at a much lower cost.

NIAGARA NETWORKS' SOLUTION

After carefully evaluating multiple vendor solutions, the client identified Niagara Networks as their partner of choice. Their primary reason for selecting Niagara Networks over other vendors was the exceptional product line-up and Niagara Networks' superior customer responsiveness.

After studying the client's requirements, Niagara consultants suggested that the client use Niagara Networks Packet Brokers 4224 and 4248 to meet their high port-density needs. Not only did the client realize that their high port-density needs were met, resulting in a reduced footprint, but they also realized their network visibility requirements were satisfied.

REAL ROI RESULTS

The client also wanted a 1U system instead of a large blade chassis as they did not want to have a vendor lock-in for their infrastructure. The Niagara Network Packet Brokers showed far more flexibility in alleviating the client's current network real-estate constraints. The client leveraged the aggregation and filtering capabilities of the Packet Brokers, enabling them to optimize their security while remaining cost effective. Overall, Niagara Networks' solution provided significant capital and operating expenditure savings.

Niagara Networks met the client's quick turnaround requirements and ensured the products were delivered well within the established deadline. This, along with the Niagara Networks' product solution meeting all the client's needs, helped to secure Niagara Network as the smart choice for Network Traffic Management solutions.

PRODUCT FEATURES

- Load balancing according to multiple key definitions
- MPLS, Q in Q support
- Session-aware load balancing
- User-defined bytes for filtering
- Port failover mechanism
- Counters for ingress and egress traffic
- RMON statistics
- TACACS+ for centralized authentication
- Syslog for events logging
- SNMP management and reporting
- CLI and Web-based management and configuration
- Mirroring of one to many and any to any

SOLUTION HIGHLIGHTS

- ▶ COMPREHENSIVE NETWORK VISIBILITY SOLUTION FOR PERVASIVE MONITORING OF PHYSICAL AND VIRTUAL NETWORKS
- ▶ SMARTER PHYSICAL AND VIRTUAL PACKET BROKER INFRASTRUCTURE MANAGEMENT
- ▶ LOWER TCO BASED ON THE COMPARABLY LOWER PRICE PER PORT
- ▶ GREATER NETWORK VISIBILITY AND SECURITY
- ▶ GREATER SCALABILITY FOR LOAD BALANCING AND AGGREGATE TRAFFIC



About Niagara Networks

Niagara Networks is a Network Visibility industry leader, with emphasis in 1/10/40/100 Gigabit systems including Network TAPs, External Bypass Switches, and Network Packet Brokers that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances. Formerly part of Interface Masters, a Silicon Valley based network solutions company, Niagara Networks recently spun off from Interface Masters to focus on its core competencies, and developed an independent company identity.

Niagara Networks offers the highest port-density systems, the most complete Network Visibility Systems, and the highest quality and feature-rich Bypass Solutions in the market. Niagara's unique and modular designs, innovative next generation Network Visibility technology, including the 100 Gigabit-capable Network Packet Broker, and the ability to tailor systems to exact customer specifications, allow it to lead the industry with high quality, innovative products and exceptional service. For more information, please go to: www.niagaranetworks.com

**NIAGARA NETWORKS IS HERE TO HELP YOU REALIZE THE MAXIMUM ROI FROM YOUR
NETWORK VISIBILITY INVESTMENTS.**

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