



The Power of Agile Visibility ☒

We Design, Develop and Manufacture our Products in Silicon Valley, USA

About Niagara Networks



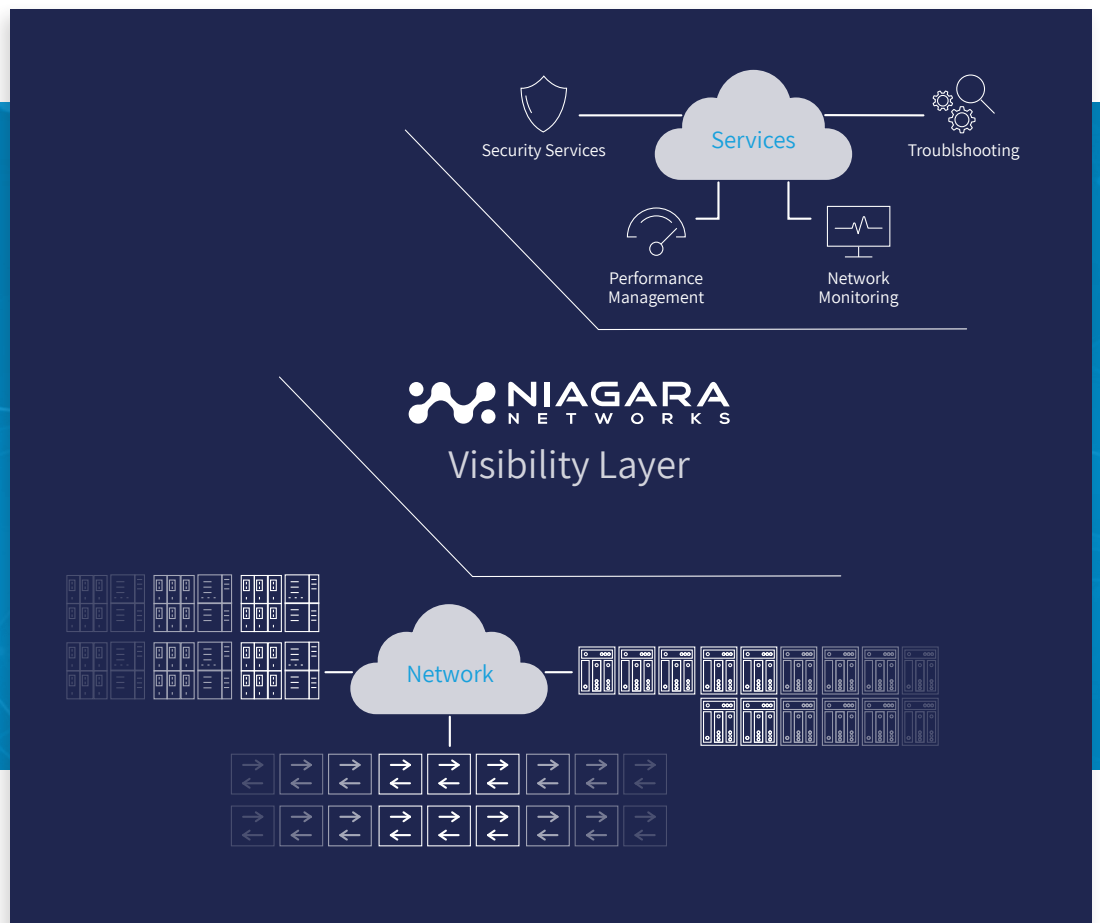
Niagara Networks is a Silicon Valley based company that pioneer the Open Visibility Platform to bring desperately needed agility to network security.

Niagara Networks provides high-performance, high-reliability network visibility and traffic delivery solutions for the world's most demanding service provider and enterprise environments. Our solutions are installed in the world's most prominent networks, empowering Security and Network Operations Centers (SOC/NOC) with end-to-end visibility and actionable traffic intelligence across physical and virtual networks.

Niagara Networks converts the standard visibility layer into an enhanced Visibility and Security Adaptation Layer. The Visibility adaptation layer enables operations engineering, security engineers and IT professional teams to seamlessly administer security, performance management, monitoring, and other mission-critical data network services.

The adaptation visibility layer is positioned at the strategic edge of core networks, data centers, and remote aggregation sites. Strategic positioning of such critical mediation layer enables adjustment and modification of traffic to be steered to each required security or monitoring appliance as needed by packet blocking, filtering, aggregating, replicating, stripping, tunneling, intelligent flow-based load balance and more...

The Adaptation Visibility Layer uses Niagara Networks FabricFlow™ distributed processing technology at all traffic rates up to 100G interfaces and non-blocking distributed switching architecture. With the advancements of Niagara Networks Packetron™ and highly integrated FabricFlow™ distributed processing, the solution can apply intelligent traffic processing such as SSL/TLS decryption, data masking, header stripping, de-duplication, application metadata, packet and flow slicing to offload advanced processing capabilities to the visibility layer.



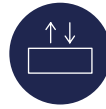
Niagara Networks provides all the building blocks for an advanced Visibility Adaptation Layer at all data rates up to 100Gb, including packet brokers, bypass elements, network taps and a unified management layer.

Covering the Entire Spectrum of the Visibility Adaptation Layer



Niagara Visibility Controller (NVC)

A unified management layer for all of the products that comprise the visibility layer, the Niagara Visibility Controller creates a virtual switching fabric and facilitates effective resource allocation. It also makes it intuitive and easy to set up the different network services you need and provides an overview of the visibility adaptation layer's health and status. The Niagara Visibility Controller may be used to provision, enable and enforce new, dynamic, on-demand services.



Packet Broker

Niagara's signature FixedBroker is a high density, high performance, packet broker series that packs a lot of power into a compact form factor. FixedBroker supports non-blocking chipbased switching fabric and a range of network interfaces up to 100Gb. Some products offer multiple network interface types for easy aggregation and stacking. All FixedBroker products include Niagara's pioneering Packet Heartbeat technology and FabricFlow technology for an exhaustive built-in set of packet broker feature including replication, aggregation, filtering, load balancing and more.



Open Visibility Platform™

The Open Visibility Platform is a place to host any virtualized application for security and network solutions. By any solution, this includes not only any virtualized solution from a third-party, but also any proprietary, homegrown solution, or in the case of government organizations or highly specialized groups, some kind of black box. It also includes the ability to deploy solutions on-demand and ad-hoc for various testing, diagnostics and assessments.



Bypass

Our signature BypassP² technology offers a bypass segment comprising of 2 network ports and 2 appliance ports. Double-protection bypass technology offers a failsafe optical or copper relay on network ports and a user-configurable heartbeat generated packets on appliance ports. Use heartbeat technology to automatically detect appliance failure and fail to the network, and back to the appliance based on the appliance's availability. BypassP² is available in multiple size bypass segments, supporting a range of network interfaces up to 100Gb. All products based on BypassP² can be user-configured as active taps.



N2 Series

Our flagship series of products, the N2 series provides a single multi-purpose platform that covers all of the visibility adaptation scenarios in your network. The N2 series can be populated with a wide range of high density, high versatility, processor-accelerated modules. With a modular design, it supports advanced FabricFlow technology, capabilities and features including network tap, bypass, packet broker and packet processing applications.



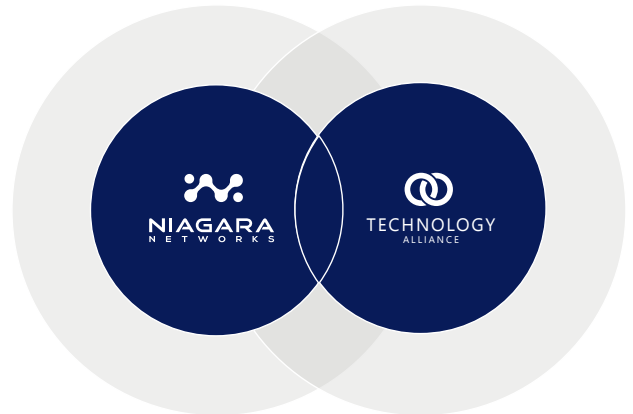
Network Taps

Tap into your network with Passive Taps or Active Taps. Wide range of connectors and fibre types supported. Passive Taps are based on an optical splitter so that the tapped network point and appliance are always connected. Active Taps are based on optical or copper relay, ensuring full physical signal regeneration at the tapped network point.

Niagara Networks helps **Service Providers** and **Enterprise Data Centers** implement the most advanced visibility, monitoring and security solutions

The Power of Partnerships

Niagara Networks® partners with world-class technology leaders to provide high performance network visibility and security. Our Technology Partners include companies that have successfully integrated Niagara Networks platforms into their network architecture, and have proven to be prime examples of the possible solutions that can be achieved with the addition of joint offering to a broad range of applications, including cybersecurity, network analysis and forensics, lawful interception, storage optimisation and data center hybrid cloud environments.

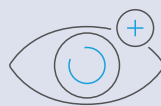


Niagara Networks® solutions enable actionable intelligence and threat detection over physical and virtual networks® infrastructure that serves mission critical applications in large enterprises, governments and service providers.



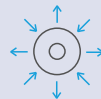
Niagara Visibility Controller

Bringing visibility to your network



Open Visibility Platform®

Agile | Virtual Hosting | Best-of-Breed Apps



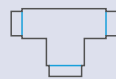
Network Packet Broker | Packetron®

Getting the right traffic to the right tool



In-line Protection - Bypass

Resiliency & Agility



Capture point (TAP)

Intercept any network infrastructure