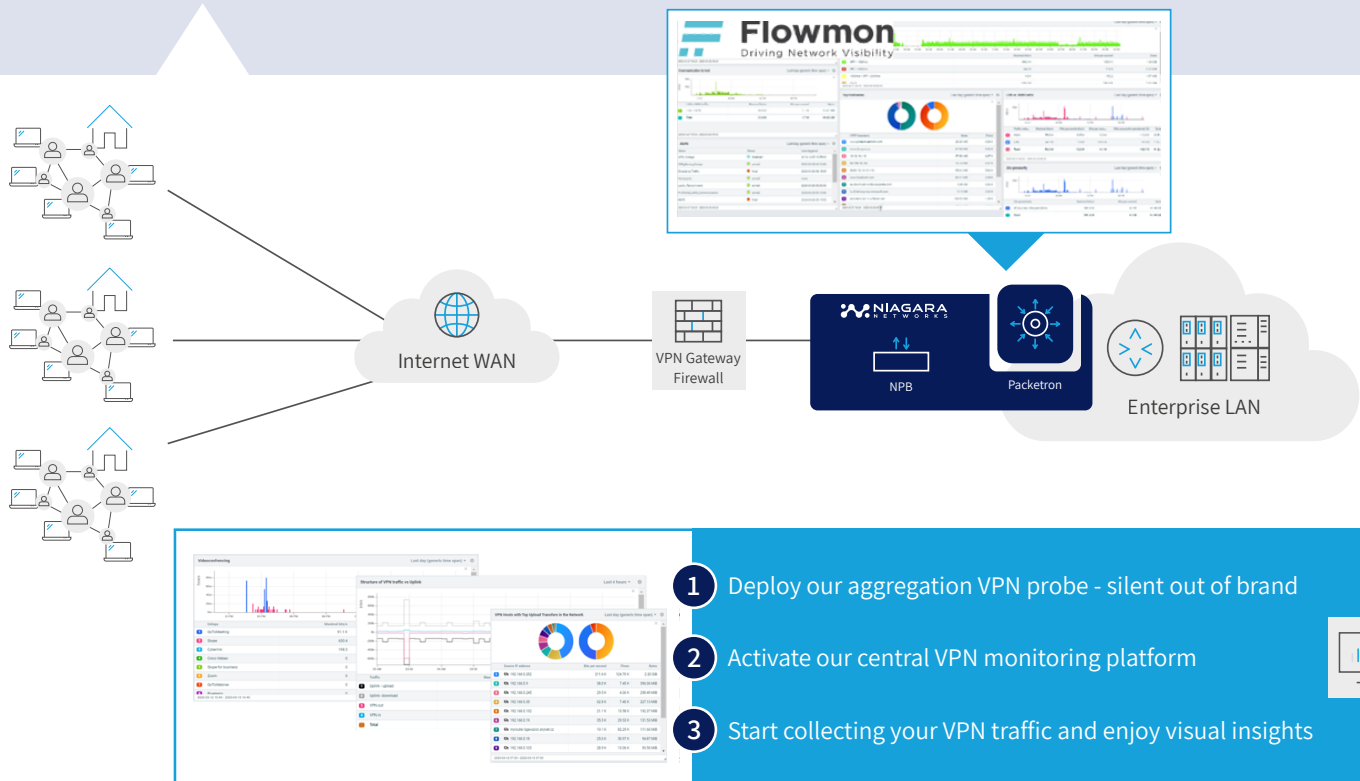


Solution Brief

Niagara Networks and Flowmon Deliver VPN / Network Visibility and Security

Niagara Networks partnered with Flowmon to provide a real-time VPN monitoring solution targeting remote work and distance learning with respect to rapid changes in wide area networking traffic schemes. Flowmon, a network performance monitoring and diagnostics tool, has been integrated on Niagara Network's Open Visibility Platform™ to enable carrier-grade agile security deployment with hyperconverged packet brokering pervasive network visibility. Serving as an open deployment hub, the Open Visibility Platform hosts Flowmon inside Network Packet Broker and provides it with the appropriate, pre-processed network traffic to deliver comprehensive network performance and VPN visibility.



Challenges

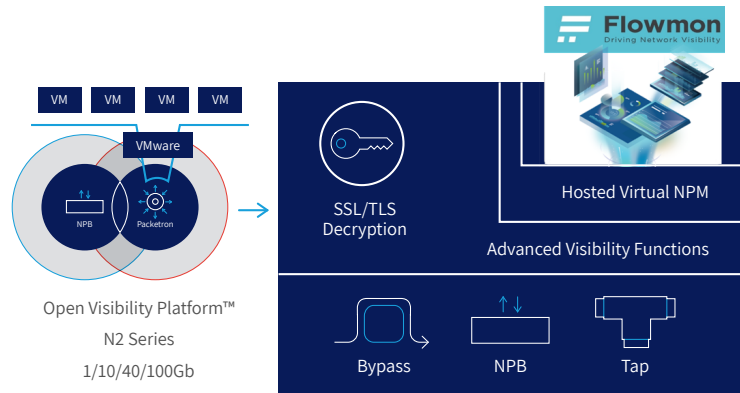
- While the rapid changes in the work environment and digital transformation take place, more organizations struggling to ensure reliability, performance and security of their services for large amount of remote workers connecting to enterprise network.
- Easily deploy an ad-hoc or permanent Network Visibility and Monitoring solution that also provides integrated troubleshooting tools via real time traffic display and VPN problem analysis.
- Deploying a new solution into the network requires a lot of time and overcoming many hurdles. Where to deploy, getting the right traffic to the solution, form factor of new solution, who manages the new appliance and more

Niagara Networks and Flowmon Networks joint solution allows organizations to overcome these challenges by empowering NetOps and SecOps teams with a single pane of glass for VPN visibility and achieve transparent monitoring, management, and security of their network. The joint solution combines Niagara's Open Visibility Platform, which provides necessary traffic visibility, with Flowmon's network traffic analysis for detection of performance degradations and security issues.

Joint Solution Benefits

With focused and optimized traffic flows from the Open Visibility Platform, the Flowmon tool hosted in packet broker and operates as agile NPM solution to deliver a highly scalable real-time network monitoring, application analysis and VPN reporting on a unified platform with the following benefits:

- Fully Integrated - traditionally you will be required to install an external appliance, and face the challenge and cost of connecting network interfaces to the solution. With Niagara OVP and Flowmon joint solution, Flowmon tool is hosted inside the network packet broker. No costly external interfaces. No external appliance that need to be separately maintained and upgraded
- Flowmon enhanced VPN monitoring application can be easily and dynamically configured with the filtered traffic from 1Gb to 100Gb interfaces to provide VPN visibility, NPMD, troubleshooting, end user experience monitoring and capacity planning.
- Freedom to choose - Traditionally you are tied to a Network Monitoring tool that might not be



N2 - Modular multi-purpose Terabit packet broker
High-performance wire speed network bypass & TAP

the best tool for network problem analysis and troubleshooting. With Niagara OVP and Flowmon joint solution, you are able to benefit from Flowmon's cutting-edge NPMD tool. Flowmon provides multiple dashboards that holistically integrate continuous monitoring in real time to troubleshoot, and optimize, the network.

- As an increasingly amount of network traffic is encrypted, troubleshooting becomes harder. Niagara OVP is able to host multiple solutions, including SSL/TLS decryption. With SSL/TLS decryption synergy and logical service chaining can be defined to further enhance the Flowmon tool value and benefit.

Agile deployment in less than 30Min

Among wide range of Flowmon VPN visibility options:

- VPN traffic vs uplink comparison to identify slow performances and source of problem
- VPN top hosts to detect traffic hogs and sources
- Security events that can detect malicious behavior by method and time of day
- Detailed attack analysis that can be visible as part of VPN events catalog
- Deep visibility into network information to isolate performance issue in network, VPN or application with detailed round-trip latency
- Video streaming and video conferencing analytics to demonstrate active applications and their usage per VPN

Open Visibility Platform Value Proposition - The Road to Deployment Agility

- OVP provides an open, high performance unconstrained deployment hub for hosting virtualized solutions combined with intelligent network traffic delivery capabilities to unlimited security and networking solutions.
- Address the NetOps & SecOps challenge - the ability to deploy a security or a networking solution in the network has been a long, complicated process – one of the least agile in the enterprise.
- Freedom to choose -not tied to closed garden offerings of a particular vendor.
- Deployment Hub - enables agility and flexibility by providing a deployment hub to easily host and serve multiple security and networking solutions. The deployment hub is a high performance/high-reliability appliance that meets stringent demands for the core networking reliability, scalability and performance required by networking teams.
- Getting the Right Traffic the Right Way - intelligently deliver traffic and configure policies and rules to establish traffic flows to and from solutions. Determine the logical sequence of traffic being sent to the hosted applications as needed. Policies, actions and traffic steering can be triggered to address host application failure and failover conditions.

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.

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

About Flowmon

Flowmon is a global NetSecOps leader with more than 1200 customers in 45+ countries. In a world where technology exists for the benefit of people, secure and healthy digital environments are essential. That's why Flowmon develops an actionable network intelligence solution that enables businesses to ensure their services are running well and securely, and their workforce is productive.

