

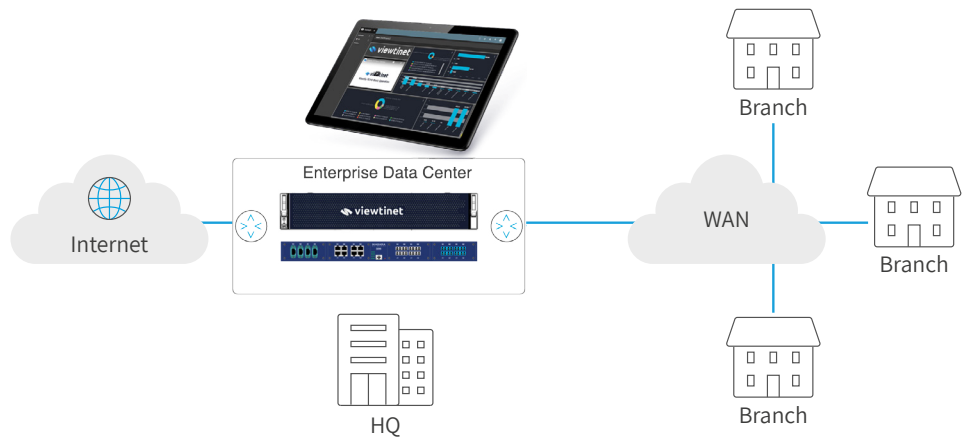
Solution Brief

Niagara Networks and Viewtinet Deliver Network Control and Optimization

Niagara Networks and Viewtinet have partnered to provide a unified network control and optimization solution which aims to bring advanced network performance improvements to the medium and large enterprises and WISPs. The solution offers in-line appliances that can provide analytics of network performance, optimize all the TCP flows and apply QoS and traffic shaping per application.



Collect, Process, Store and Visualize Data



Challenges

- Manyweb traffic control and TCP performance lack deterministic visibility
- In-line traffic optimization requires high availability carrier grade solution
- Required seamless traffic transparency to avoid latency and privacy breaches
- Lack of network visibility, QoE measurements and network KPIs

Niagara Networks and Viewtinet join forces to solve this challenge and provide traffic analysis and network optimization for improved user experience and complete visibility and conformance of operational KPIs in carrier grade high availability architecture.

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Joint Solution Benefits

Joint solution enables a one stop shop for network performance optimization in carrier grade architecture.

Viewtify TCPO improves the quality of experience perceived by the users for every TCP connection. It only needs to be deployed in one side of the communications and also works with HTTPS, making it the best approach to accelerate the performance of internet applications. In WiFi environments the improvements are greater.

Viewtify QoS applies different quality of service rules to the different applications and subnets or IPs. Not all the applications are the same, so you need to assure the performance of critical applications and apply traffic shaping to reduce the impact of non-critical ones.

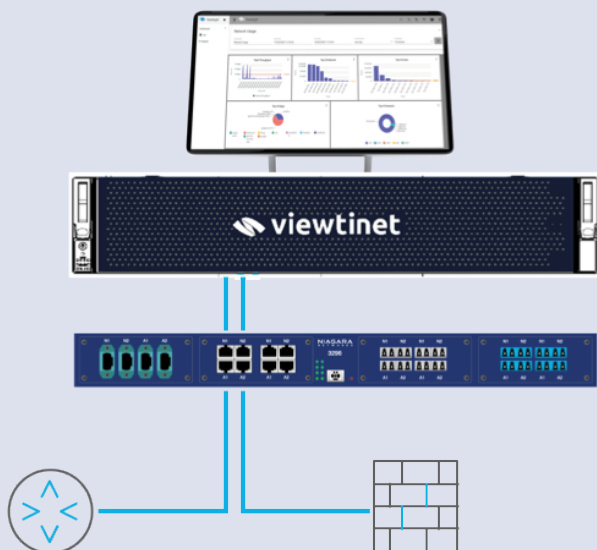
Viewtinet's unique approach offers all-in-one devices that provide TCP optimization, traffic shaping and network wire data monitoring with a powerful analytics tool under the same appliance.

Thanks to the passive bypass, you can benefit from of all these features without adding an additional pain point.

Simplified deployment and scale for extended traffic control and optimization enabled by:

- Viewtinet QoS / Traffic shaping per application
- Viewtinet TCP optimization
- Viewtinet smart analytics for wire data

One stop shop - integrated in-line network optimization and bypass switching



Niagara multi-rate modular bypass switch value proposition

- Carrier-grade double-protection bypass technology for uninterrupted network uptime
- Multiple bypass segment options, supporting a range of electrical and optical interfaces
- A failsafe optical/copper relay on network ports, and user-configurable heartbeat-generated packets to insure continued health check and rapid recovery times
- High density and flexibility of configurations

Benefits

- Understand everything that is happening in your network
- Measure applications SLAs, QoE metrics and KPIs
- Multitenant interface
- Apply traffic shaping to protect critical applications
- Improve quality of experience of all the users
- Improve WiFi performance by 100%
- Avoid bottlenecks

About Viewtinet

At a time where companies must deal with a multi-vendor multi-cloud multi-device ecosystem, Viewtinet provides a complete smart analytics and network optimization solution to help companies achieve full network visibility and control.

Viewtinet can ingest log data from any vendor, in any format, within the IT, OT & IoT ecosystem. Its DPI probe provides complete insights of wire data. These two domains of data together under the same analytics tool make Viewtinet a very unique proposition for enterprise and service provider environments, where they can also benefit from the multitenant configuration.

About Niagara Networks

Niagara Networks™ is a Silicon Valley based company that pioneers 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.

