

Bandwidth Management Deployment Case

Bandwidth management is the process of measuring and controlling traffic traveling across a network link in order to avoid filling the link to over-capacity, which typically results in problems such as network congestion, slow response time and overall poor network performance.

Why do you need to use an access technology solution with your Bandwidth Management tool?

Because these tools need to be installed in-line, they can become a source of network downtime. When the device fails or needs to have maintenance performed on it, the entire network needs to be brought down to perform these fixes.

Network Critical solutions for Bandwidth Management

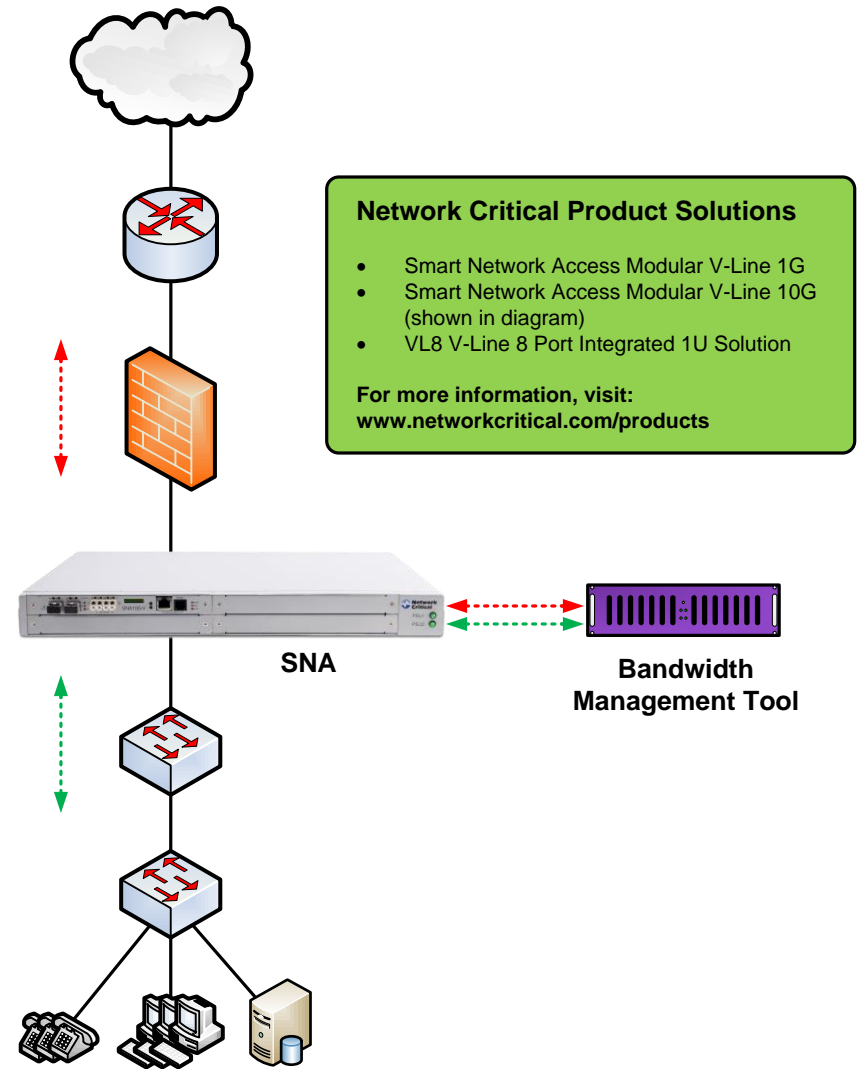
By using virtually inline or V-Line taps in a network, system administrators can isolate appliance failures and inherited appliance software issues by deploying their otherwise inline network tools using a hardened traffic access point. V-Line taps actively monitor the directional flow of data through a network appliance in both directions, and allow the tap to maintain live network continuity while having the option to actively bypass an inline appliance, should the device lose network link or traffic flowing in either direction through the inline appliance.

In the event of an inline appliance failure, V-Line traffic access points detect these occurrences while maintaining live network link, and will actively bypass the faulty appliance. Similarly, if traffic ceases flowing in either direction through an inline appliance, V-Line taps can detect such an anomaly and actively bypass inline appliance software failures.

Network Critical works with the following vendors that sell Bandwidth Management products:

A10 Networks	Cymphonix	Metrocom, Inc.	SevOne
Allot Communications	Genetec	Netveda	Smoothwall
Antamedia	GoS Networks	Opnet	Telecordia
Aryaka	jetNEXUS	Paessler	Untangle
Avistar	Kerio	PearlSoftware	Websense
Barracuda Networks	LightSpeed Systems	Radware	Xroads Networks
Cyberoam	M86 Security	Riverbed	

www.networkcritical.com



Network Critical Product Solutions

- Smart Network Access Modular V-Line 1G
- Smart Network Access Modular V-Line 10G (shown in diagram)
- VL8 V-Line 8 Port Integrated 1U Solution

For more information, visit:
www.networkcritical.com/products