

SOLUTION BRIEF

Cisco solution integration



Preferred Solution Partner

Plixer is proud to be a Preferred Solutions Partner with Cisco, a worldwide leader in IT and networking. Scrutinizer consumes the robust flow and metadata exports from Cisco solutions, ensuring the best contextual

data and visibility across your entire environment. For organizations with heterogeneous networks, Scrutinizer correlates these Cisco exports with those of other vendors' devices on the network.

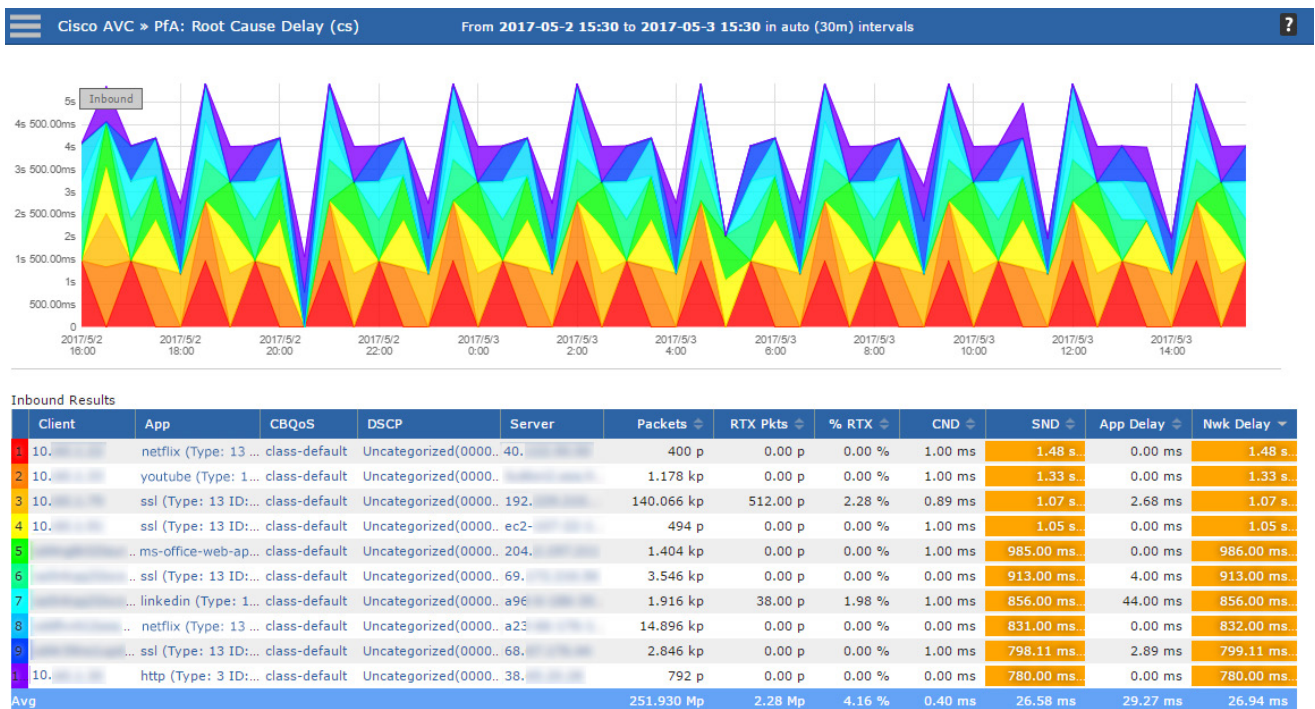
Application Visibility and Control (AVC)

The Cisco Application Visibility and Control (AVC) solution provides application-level classification,

monitoring, and traffic control. Integration with Scrutinizer delivers visibility into every application in your network, providing application-specific names from NBAR2 reporting. It also includes details such as jitter, packet loss, and latency by interface. Organizations can quickly determine root cause for application-level problems.

Application Centric Infrastructure (ACI)

Cisco's Application Centric Infrastructure (ACI) is a software-defined network solution that reduces total cost of ownership, automates IT tasks, and accelerates data center application deployments. Flow exports sent to Scrutinizer provide visibility into the east/west data center traffic and this information



can be correlated with data from all corners of the network. This provides you with complete end-to-end visibility across both your virtual and physical networks.

Identity Services Engine (ISE)

Cisco’s Identity Services Engine is a secure access management platform. The integration with Scrutinizer provides a mapping of usernames to the IP addresses of devices. With these details, you can identify not only the machine that was communicating with critical applications, but also the user that was logged into the device. This gives you the ability to hold users accountable for their activity at any time. Additionally, Scrutinizer gives you the ability to disconnect wireless users that are performing unwanted activities.

ASA with FirePOWER

Cisco ASA with FirePOWER is a firewall appliance that delivers integrated threat defense across the entire attack continuum. Integration with Scrutinizer provides a rich range of reporting, including details that make threat detection easier and drastically reduce your mean-time-to-know. Scrutinizer correlates both VPN usernames from the ASA, as well as Network Address Translation (NAT) details, giving you more context to your network traffic. Data exported from FirePOWER includes: HTTP Host, Firewall List details, User Application, Web Application, etc. This gives data context all the way to layer 7.

SD-WAN powered by Viptela

Any user, any application, anywhere in the world. SD-WAN is a software-defined approach to managing

the wide-area network, or WAN. Viptela provides a compelling SD-WAN solution with advanced routing, segmentation and security capabilities for interconnecting complex enterprise networks. Its cloud-based network management, orchestration and overlay technologies make it easy to deploy and manage SD-WAN.

Wireless LAN Controller (WLC)

Cisco WLC provides centralized control, management, and troubleshooting for wireless deployments. Scrutinizer allows you to ensure your wireless network is being used appropriately and provides visibility into the traffic wireless users are generating. Information regarding bandwidth consumption, types of traffic (e.g. email, web, etc.), top users, and SSID-specific information are all gained with advanced WLAN exports in Scrutinizer. IP address can also be tied into username for non-guest SSIDs.

Switches and routers

Cisco offers a wide range of network switches and routers that support flow and metadata exports, which Scrutinizer consumes. With this information, network and security teams gain better visibility into all the traffic that passes across the network. Additionally, the second-to-none stitching capabilities of Scrutinizer allow you to see the entire conversation as it crosses your network at a hop-to-hop level. When performance routing is deployed, Scrutinizer allows you to see the traffic conversations as they cross the network even when they return through different devices than they initially traversed. Thus, no visibility is lost.

Tunnel Endpoint	Avg. Latency	Avg. Loss	Avg. Jitter
Atlanta HQ:ATT Tunnel 1-Boston:Verizon	609.15ms	0.00 %	206.03ms
Atlanta HQ:ATT Tunnel 1-Boston:Verizon	628.34ms	7.48 %	201.56ms
Chicago HQ2:ATT Tunnel-Boston:Verizon	523.61ms	0.00 %	197.06ms

FIG. 1—Tunnel performance