

SevOne

The Challenge

Networks are becoming increasingly complex, dependent on reliable performance of countless interconnected applications and devices. IT operations teams must ensure users can access network resources to get the information they need 24x7, because business success depends on continuous operation. Downtime degrades the user experience and can risk revenue, causing widespread pain and possibly strategic failures.

Legacy network performance management products were designed for legacy networks, and may not meet today's Big Data demands. There are too many blind spots in the network that lack the visibility required for proper monitoring and analysis. Today's dynamic networks require real-time visibility across the entire IT infrastructure, including both physical and virtual components.

Key Benefits

- Reduces troubleshooting time with Universal Metric to Flow feature with one click navigation from an alert to detailed flow-based traffic analysis providing fast isolation to the infrastructure component at fault
- Generates flow summaries for full traffic or selected traffic streams without sampling to provide the highest degree of clarity
- Provides visibility into unmanaged areas of the network or from routers which are not flow protocol capable
- Brings visibility into the cloud and monitor performance of both inter- and intra-host traffic
- Improves accuracy of application recognition and depth of troubleshooting and analysis with deep flow inspection support for NBAR, MPLS, ToS, and QoS or DSCP
- Reconfigurable portfolio of stock reporting templates, backed by industry best practices and supports easy customization of application and traffic views

The Gigamon and SevOne Joint Solution Overview

Flow-based monitoring and analysis are essential tools of network management and troubleshooting, to help ensure that enterprise and service provider networks are meeting user and application requirements as well as service level agreements. Gigamon's Visibility Fabric™ provides SevOne with the flow records it uses for this analysis.

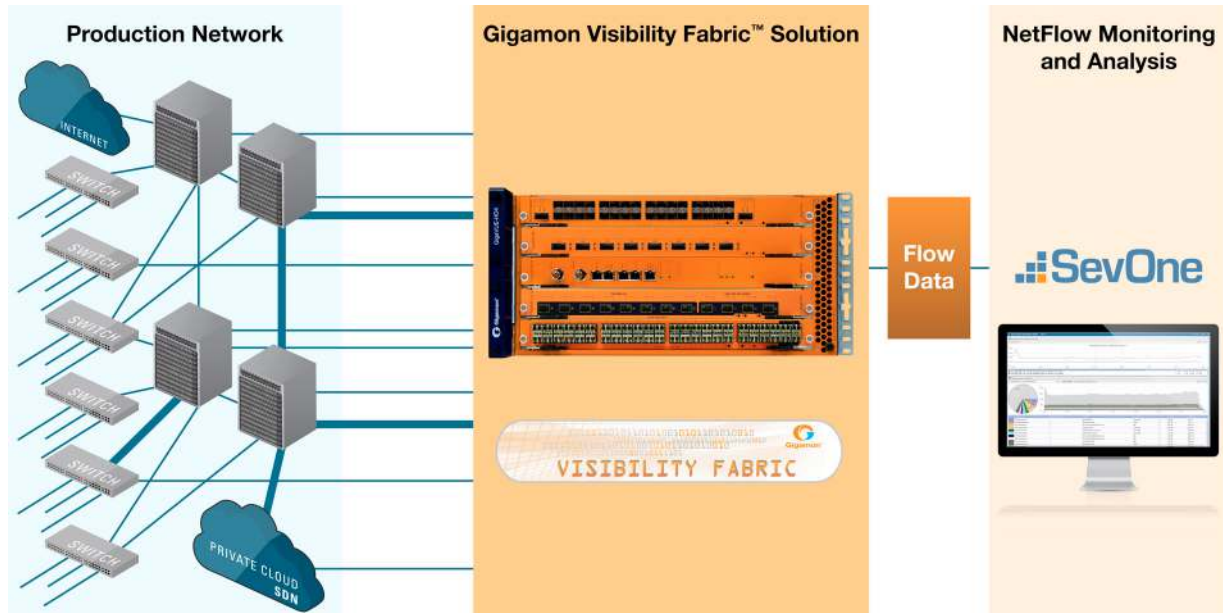
SevOne provides a powerful integration of metric and flow reporting. When troubleshooting an alert such as a spike in utilization, SevOne provides one-click navigation to flow reports that instantly show the associated traffic for the exact period of time for that specific interface. Because Gigamon generates flow records from anywhere in the network that has been tapped and not just at isolated network elements, SevOne has full visibility to the network performance. Gigamon's NetFlow feature generates records without sampling and can be targeted to specific flows and applications. Integrating raw unsampled flows into the troubleshooting workflow speeds problem resolution, and saves valuable time and effort when trying to understand and answer the who, what, when, and where questions regarding traffic on your network. Further, through the Universal Metric to Flow feature, users can associate metrics from data sources other than SNMP, such as Cisco IP SLAs, JMX, and WMI, with flow data to provide the same one-click navigation.

How the Joint Solution Works

The SevOne solution provides an essential view into what is taking place on the network, but that view is only as good as the data it has to analyze. Gigamon increases visibility into previously blind areas of the network by generating NetFlow (including v5, v9 and IPFIX) statistics from any incoming traffic streams. Gigamon eliminates two of the largest barriers to NetFlow enablement: having a NetFlow-capable network element and using CPU cycles to generate the flow data. Offloading NetFlow Generation to an out-of-band solution like the Gigamon Visibility Fabric eliminates the risks related to using production network resources in generating these analytics. Gigamon provides scalable unsampled NetFlow Generation to Big Data environments where monitored link capacity has grown above 10Gb to 40Gb and 100Gb links.

When you need to know what is happening on the network, it is important to have access to all parts of the network. A Gigamon Visibility Fabric solution provides access to traffic throughout the network, not just at perimeter Internet-facing links and core network links. Since a Visibility Fabric is constantly receiving out-of-band traffic from collection points throughout the network, it is easy to create or change NetFlow Generation configurations without involving change-management procedures.

By generating NetFlow for the right traffic, the right flows are sent for analysis. Additionally, if it is important to know what is occurring on the network, then it is important not to skip most of the traffic because the router can't generate unsampled NetFlow at line rate.



About SevOne

Founded in 2005, SevOne is headquartered in Wilmington, Delaware. SevOne provides a robust, scalable, performance monitoring platform to the world's most connected companies. SevOne's patented architecture, the SevOne Cluster™ leverages distributed computing to effectively collect millions of key performance indicators and to provide proactive alerts when performance deviates from normal. SevOne's platform provides a single source of truth for future-ready customers including global enterprises, finance and healthcare companies, CSPs, MSPs and MSOs.

About Gigamon

Gigamon provides an intelligent Visibility Fabric™ architecture to enable the management of increasingly complex networks. Gigamon technology empowers infrastructure architects, managers and operators with pervasive visibility and control of traffic across both physical and virtual environments without affecting the performance or stability of the production network. Through patented technologies, centralized management and a portfolio of high availability and high-density fabric nodes, network traffic is intelligently delivered to management, monitoring and security systems. Gigamon solutions have been deployed globally across enterprise, data centers and service providers, including over half of the Fortune 100 and many government and federal agencies.

Learn More

For more information on the SevOne and Gigamon solution, contact:



4550 New Linden Hill Road
Suite 300
Wilmington DE 19808
Phone: +1 (302) 319-5400
www.sevone.com



Gigamon
3300 Olcott Street
Santa Clara, CA 95054
Phone: +1 (408) 831-4000
www.gigamon.com