SevOne

The most scalable performance monitoring platform
for the world's most connected companies

"The SevOne architecture has allowed us to become more scalable, manage more devices and elements, and provide greater services and data integrity with less labor resources than our other solutions. Using it we have increased our footprint and decreased our labor costs."

- Developer, Global Technology Consulting Firm

Elevating Data Center Performance Management

Data Center innovation reduces operating expense, maximizes employee productivity, and generates new sources of revenue. However, many I&O teams lack proper visibility of the performance of their networks, applications, and systems, putting company revenue and end user experience at risk.

Your organization must be able to accurately predict potential service degradation and future capacity needs, and prove the performance of your data center and compliance with strict SLAs.

SevOne provides the world's fastest, most scalable data center monitoring and reporting platform, delivered as an all-in-one solution, to help you detect and avoid performance events before they impact your business.

Prevent Business Disruption

Downtime affects business transactions, employee productivity, customer experience, and—most importantly—your organisation's reputation.

- Proactively detect, troubleshoot, and resolve issues before they impact your business.
- Ensure quality of service and proper bandwidth allocation for business-critical traffic.
- Plan vital maintenance windows for times most likely to minimise business impact.

Ensure Rapid and Successful Deployment of New Technologies

New technologies and services can deliver great impact, but lack of pre- and post-deployment performance visibility puts your financial investment at risk. For example, can you put VoIP on your network without disruption? Did your virtualization project deliver expected results? SevOne allows you to:

- Determine if your network is ready for the launch of a new service.
- Mitigate risk associated with major change by proactively detecting performance issues.
- Prove pre- and post-performance metrics to ensure success of deployment.

Increase Customer Acquisition and Retention

Increasing customer acquisition and retention requires you to deliver unique services substantiated with excellent and consistent performance. With SevOne, you can:

- Prove Key Performance Indicators related to delivering a quality customer experience.
- Demonstrate your ability to meet and exceed Service Level Agreements with customers.
- Provide a self-service portal so customers can view all of the valuable services you deliver.

SevOne's Vision:
Remove all scalability limits to collecting and
monitoring the world's performance data.

The SevOne Solution

SevOne provides end-to-end visibility over your entire infrastructure in a single view. It monitors, reports, and alerts on the performance of your dynamic data center, with the ability to easily handle Big Data networks and provide actionable insight about the health of your networks, applications, and systems.

SevOne alerts users via dashboards and a mobile app if network performance falls outside of established thresholds.
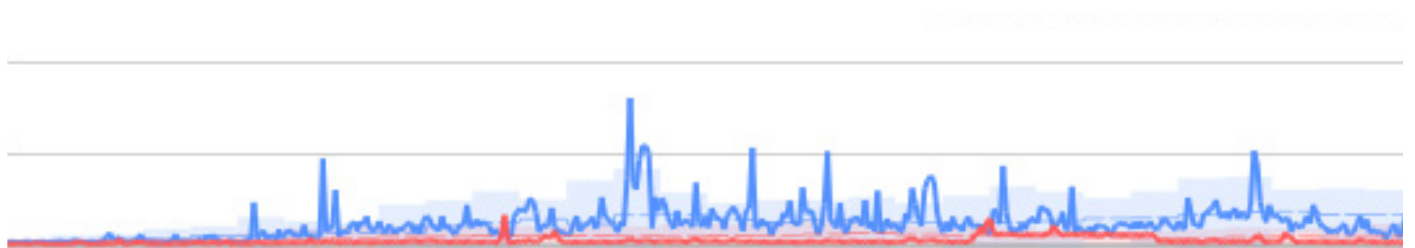
Network Performance Management

Business success — not to mention revenue — depends on continuous operation of your networks. These increasingly complex systems act as the central nervous system of your organization and the conduit by which customers, partners, and employees share data, access resources, and conduct business.

SevOne monitors network performance and automatically baselines every indicator that it collects from devices such as routers, switches, firewalls, wireless access points, load balancers, and more. It uses this information to ensure your infrastructure meets service level agreements and notifies you of anomalies in advance of end user impact.

SevOne meets the demands of today's networks and technologies, with the ability to monitor Ethernet backhaul performance, 4G LTE and IMS networks, Cisco Medianet, and quality of experience for VoIP. Regardless of IP type, SevOne supports unified NetFlow monitoring in IPv4, IPv6, and dual-stack environments.

You can't watch everything all of the time, so SevOne does it for you by automatically detecting changes to devices on your network and updating the corresponding file records.

SevOne automatically baselines every performance metric it collects, allowing you to set alerts based on deviation from "normal" performance for your environment.

"SevOne has never failed to identify a potential degradation or outage."
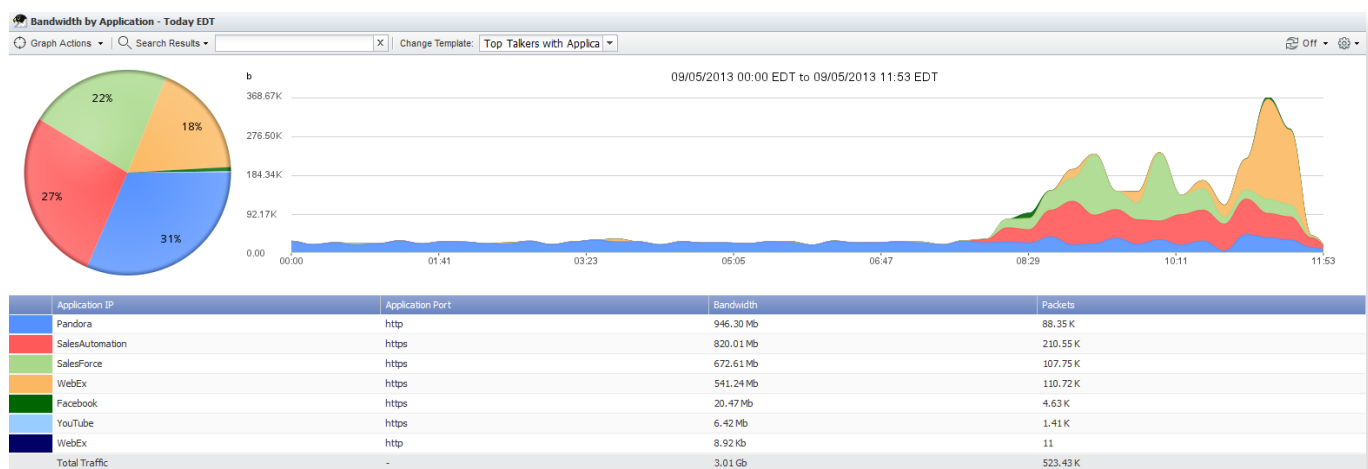
- Comcast

Application Performance Management

A positive end-user experience relies upon continuous availability and efficient operation of applications. However, today's complex applications – specifically those in load balanced environments – have many interconnected components that create potential failure points when it comes to application delivery. Moreover, applications residing in public and private clouds bring new visibility and monitoring challenges to troubleshooting teams.

SevOne provides a holistic view of application performance, monitoring and alerting on all of the components that support application delivery – from the network to servers (physical and virtual) to storage. SevOne also reports on Flow records, which provide application traffic classification and insight into the communication between application talkers.

In addition, customers use SevOne to ensure consistent VoIP application performance, monitoring and alerting on metrics for jitter, latency, packet loss, MOS, and R-value.

SevOne provides real-time dashboards to ensure performance of business critical applications and quality of end- user experience.

Systems Performance Management

Networks and the servers that use them have never been more interdependent. Networks must accommodate the critical functions of network-based servers (DNS, DHCP, gateways, etc.) as well as those of database servers, application servers, file servers, and so on.

SevOne delivers insight about system performance across physical, virtual, and hybrid environments. Capacity reports identify over- and under-utilised resources, analysing both host and guest consumption of CPU, memory, disc, and throughput. When a negative trend such as a memory leak or disc capacity shortage is identified, SevOne sends a proactive alert to the administrator so that potential disruptions to business can be avoided.

In addition, SevOne automatically discovers and identifies new virtual machines while monitoring guest operating systems and processes to ensure proper service levels.

"SevOne has increased our performance visibility by more than eight times over our previous monitoring solution."

-Tier 1 CSP - North America

The Real Power of
SevOne

You require a performance management solution built for today's challenges, not yesterday's expectations. Legacy tools weren't designed to handle the volume, variety, and velocity of data typical of today's dynamic networks. SevOne's unique architecture, built upon the principles of distributed computing, provides you with the fastest, most scalable performance management platform on the market today.

Speed

Customers recognize SevOne as having the fastest data center performance reporting on the market, bar none. Reports no longer take customers hours or even minutes to compile. SevOne produces reports in seconds, no matter the scope.

SevOne features 300 multi-threaded pollers per appliance with select, high-frequency polling down to one second intervals, ensuring reliable and granular visibility of performance. Users can access up to a year of as-polled data, eliminating dependence on aggregated –- and less accurate –- performance data. In addition, any third party time-based data can be brought into SevOne for fast reporting and alerting.

Achieving speed to market with new technologies and services requires you to monitor new devices on your network. However, the MIB of the device may not be certified for SNMP monitoring with your performance management system, leaving you with performance visibility gaps. To address this challenge, SevOne provides customers a 10-day SNMP device certification guarantee at no additional charge.

"Since deploying SevOne, we've seen a 50% cost reduction in administrative costs and were spared the expense of additional capital on hardware to run the software on."
– Jay Scott / Director, Services Desks and ESM / Alere Health LLC

Scale

SevOne ensures that scalability never becomes an obstacle for your organization. The platform monitors millions of elements and calculates trillions of baseline analytics across multiple networks with no slowdown in performance of the monitoring system or speed of reporting.

A single SevOne appliance monitors up to 200,000 objects. That equates to more than four million objects from a single server rack -- drastically limiting your hardware footprint and power consumption in the data center.

SevOne has solved the scalability problem with its unique distributed architecture, known as the SevOne Cluster™. Each appliance in the Cluster knows which appliances monitor which devices. You report from any one of the appliances, and they work together to provide the critical information you need, in seconds. There is no bottleneck of a centralized reporting database.

SevOne's scalable architecture provides you with a future-proof platform for your performance management strategy, no matter how great your expected growth rate.

The SevOne Cluster™ consists of multiple appliances peered together. Appliances share the reporting load, eliminating the bottleneck of a centralized reporting database and providing unrivaled scalability of your performance management platform.

Simplicity

As an all-in-one, appliance-based solution, SevOne delivers rapid time to value for customers. Deployed physically or virtually, SevOne performs the monitoring, data collection, alerting, and reporting –- all from a single appliance. Support for more than two dozen protocols and technologies –- such as SNMP, IP SLA, NetFlow, NBAR, JMX, WMI, and more –- are all supported, out of the box.

With SevOne, you do not have to install additional software, configure SevOne agents, or worry about additional server licensing or security updates. Basically, you have fewer things to configure and maintain, requiring fewer resources to achieve your performance management goals.

Simplicity extends to the SevOne user interface, as well. An intuitive, graphical UI provides browser-based access to insight about your network, applications, and systems – all within a few clicks. A quick start wizard steps you through the initial discovery and set-up process, as well as report generation. With SevOne, you can receive meaningful insight within minutes of deploying the appliance.

"For the speed, value, scalability, and level of one-on-one support we receive, we wish our other OSS vendors worked as well as SevOne."

-Lead Engineer, Hawaii's Leading Communications Provider

About SevOne

SevOne provides the world's fastest, most scalable performance monitoring platform to the world's most connected companies. We provide an 'all-in-one' appliance that detects and alerts on performance events before they impact your business. SevOne developed a next-generation technology called the SevOne Cluster™ that incorporates the cutting edge principles behind distributed computing to address any scalability concerns. SevOne monitors millions of objects across multiple technologies and provides a single view to the user. Customers including the top cable companies, wireless network and managed service providers, and top financial services institutions rely on SevOne to monitor the performance of their critical infrastructure.

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