

FEATURES AND BENEFITS

Monitor Any Network Without Impacting Production Applications

Get insight into any network, even cloud providers', by sending and receiving precisely timed network traffic, so you can assess performance in real time. Always-on monitoring gives one-minute granularity on latency, data loss and jitter, stored for up to a year, while providing insight into actual versus provisioned capacity.

Correlate Application and Network Performance

With application-based SLAs, SevOne End User Experience automatically knows when network performance blips are just blips, and when they're affecting your end users. A continuous stream of performance insight is compared against your application specific SLAs, so you know exactly when and how network performance impacts application performance.

Find and Fix Problems Fast on Any Digital Infrastructure

Troubleshooting application response issues often require network, system and infrastructure teams to work together. With SevOne End User Experience, multiple teams can actively test, troubleshoot and pinpoint issues across the entire path applications take, including user, network, server, databases and more. With an optional software license, you can enable up to 10Gbps deep packet inspection for further details on application traffic. With SevOne End User Experience, you can gain valuable insight, and drive cross-team collaboration that can reduce mean time to resolution opposed to time to innocence.

Measure Critical SaaS solutions: Salesforce, Office 365, Google Apps and More

Measure performance, functionality and availability directly from the end user's perspective, using a real web browser. Get started in minutes with our Quick Start Workflows for Salesforce, Office 365, Google Apps and more. Quick Start Workflows are especially helpful because they enable you to monitor apps from the end user, through the network, to the app provider.

Support Custom Applications

Create custom workflows and string together up to 20 commands, execute them back to back, measure the result, and get performance alerts. You can also replay workflows from a consistent environment to highlight any change in application performance.

Every Detail, Every Important Transaction

Get every detail of important transactions in your web app, and break down the source of all latency by browser, application or network. The appliance also enables you to pinpoint when problems started, with full waterfall charts for every transaction in the last 30 days. Finally, you can and identify larger trends with up to a year of historical data.

Deploy Anywhere Users Are, Inside and Outside the Firewall

The best place to measure end user experience of web applications is from your end users' locations. Using the appliance you can combine usage from multiple monitors to identify trends across different locations and isolate all kinds of problems—from global slowness to congestion at a single office.

Leverage Your TWAMP-enabled Infrastructure

Measure the round trip performance from any two points in your TWAMP-enabled IP infrastructure with built in support for the Two Way Active Measurement Protocol (TWAMP).

IMPLEMENTING SEVONE DATA APPLIANCE EUE

Modern infrastructures are virtualized, flexible and complex. We offer options that make sense so you can tailor your monitoring deployment accordingly. When you're implementing SevOne Data Appliance EUE, you'll get two components: a Monitoring Point and an Analysis Server.

Monitoring Points live at key network points (either via a network span or connected inline) and function as data collectors, sending data to an Analysis Server. Monitoring points are placed at the network egress point for usage analysis and as a standard user in any switch port and on Wi-Fi. The Analysis Server is the data aggregator and analytics engine, and supports multiple Monitoring Points. Those Monitoring Points can be right-sized to your deployment needs.

Step 1 – Choose Monitoring Points: Choose the endpoints where you want to monitor network performance, using either physical or virtual devices.

Virtual Monitoring Point

Already have virtualized infrastructure? Simply provision a new instance to run virtual instrumentation and add it to your usual infrastructure management. Virtual Monitoring Points allow for faster rollouts and simpler updates. Clone virtual appliances to scale to deployments of any size.

v35 virtualAppliance

The v35 virtualAppliance is a virtual appliance running from globally distributed cloud datacenters that is capable of measuring your network, web application and unified communication formats. The v35virtualAppliance is available for both KVM format (Linux) and OVA format (VMware).

v35 virtualAppliance



Application Monitoring

Includes: 5 Applications
Includes unlimited monitoring for any application with less than three (3) Layer 3 hops

Network Connectivity

Qty (1) virtual network interface

Connectivity

Wired

WiFi Monitoring

N/A

Application Usage Analysis Rate

500 Mbps/1000 Mbps
Full Duplex
500 FPS

Usage Rate Analysis Deployment Options

via span ports

Concurrent Web Application Monitoring

up to 25 Web Applications

Voice Call Load Generation

N/A

Application Delivery Performance Analysis

VoIP Video Conferencing

Analysis Type

NetFlow Generation with Deep Packet Inspection

Dimensions

N/A

Power Requirements

N/A

Physical Monitoring Point

Physical Monitoring Points are fast, reliable and easy to deploy, making them the ideal choice for all deployments where virtual infrastructure is not readily available. The hardware is purpose-built to run all forms of application performance monitoring, easily scaling to dozens or hundreds of internal and externally hosted applications. All hardware is fully warranted for the life of your subscription. Solutions scale from 10Gbps data centers to remote offices that may not have managed network devices. Fail-to-wire resiliency enables comprehensive monitoring without being a single point of failure.

REMOTE OFFICE

For locations with single internet connections and where WiFi monitoring is critical



LARGE OFFICE

For locations with redundant internet connections up to 1Gbps



DATA CENTER

For locations with redundant internet connections and networks up to 10Gbps



Remote Office - m35 microAppliance

The m35 microAppliances are small, portable devices that can be placed at remote business locations, requiring only power and an Ethernet connection. The microAppliances offer full remote management, low power consumption, and unmatched visibility into remote network performance without the need for network reconfiguration. The m35 microAppliances:

- Are designed for remote deployment to conduct pre- and post-deployment assessments and continuous performance monitoring of critical network services
- Allow for measuring of end-to-end network performance from their remote locations to any target with an IP address worldwide, providing network engineers with critical insight into performance characteristics such as jitter, latency, and available bandwidth
- Provide performance visibility at each hop across unmanaged WANs to pinpoint hard-to-see network and application problems

m35 microAppliance



Application Monitoring

Includes: 5 Applications
Includes unlimited monitoring for any application with less than three (3) Layer 3 hops

Network Connectivity

Qty (6) 1Gbps RJ-45 Port
802.1Q VLAN & VIP support
802.11 AC WiFi

Connectivity

Wired or Wireless

WiFi Monitoring

802.11AC

Application Usage Analysis Rate

1000Mbps/1800Mbps
Full Duplex
2,500 FPS

Usage Rate Analysis Deployment Options

In-line via Auto-Bypass ports with Fail-to-wire or via standard mirror or span ports

Concurrent Web Application Monitoring

up to 40 Web Applications

Voice Call Load Generation

100 concurrent calls

Application Delivery Performance Analysis

VoIP Video Conferencing

Analysis Type

NetFlow Generation with Deep Packet Inspection

Dimensions

6.96" x 1.73" x 5.72"

Power Requirements

100-240V 50/600Hz

Operating Environments

32° - 104° F

Large Office r45 rackAppliance & Data Center r400 rackAppliance

For large-scale deployments, the r45 and r400 rackAppliances enable network engineers to expand network performance management capabilities to much larger organizations and networks of end users. The rackAppliances feature:

- Higher path capacity, the ability to monitor multiple physical and virtual networks concurrently and increased value for large enterprises with datacenter operations
- Easy install to an existing datacenter rack and priced and scaled to meet the needs of a datacenter environment
- Real-time monitoring of separate physical and virtual networks between business divisions and specific business services
- Network usage analysis and packet capture on multiple interfaces concurrently

r45 rackAppliance



Application Monitoring

Includes: 45 Applications
Includes unlimited monitoring for any application with less than three (3) Layer 3 hops

Network Connectivity

Qty (6) 1Gbps RJ-45 Port
802.1Q VLAN & VIP support

Connectivity

Wired

WiFi Monitoring

N/A

Application Usage Analysis Rate

Dual Interface:
1000Mbps/1800Mbps
Full Duplex
5,000 FPS

Usage Rate Analysis Deployment Options

In-line via Auto-Bypass ports with Fail-to-wire or via standard mirror or span ports

Concurrent Web Application Monitoring

up to 50 Web Applications

Voice Call Load Generation

200 concurrent calls

Application Delivery Performance Analysis

VoIP Video Conferencing

Analysis Type

NetFlow Generation with Deep Packet Inspection

Dimensions

16.83" x 1.73" x 10.04"

Power Requirements

120-240V 50/60Hz

Operating Environments

40° - 85° F

r400 rackAppliance



Application Monitoring

Includes: 40 Applications
Includes unlimited monitoring for any application with less than three (3) Layer 3 hops

Network Connectivity

Qty (2) 10Gbps SFP+
(6) 1Gbps RJ-45 Port 802.1Q VLAN & VIP support

Connectivity

Wired

WiFi Monitoring

N/A

Application Usage Analysis Rate

Dual Interface:
1000Mbps/10Gbps
Full Duplex
30,000 FPS

Usage Rate Analysis Deployment Options

Standard mirror or span ports (10Gbps and 1Gbps)
In-line via Auto-Bypass ports with Fail-to-wire (1Gbps)

Concurrent Web Application Monitoring

up to 50 Web Applications

Voice Call Load Generation

200 concurrent calls

Application Delivery Performance Analysis

VoIP Video Conferencing

Analysis Type

NetFlow Generation with Deep Packet Inspection

Dimensions

16.83" x 1.73" x 10.04"

Power Requirements

120-240V 50/60Hz

Operating Environments

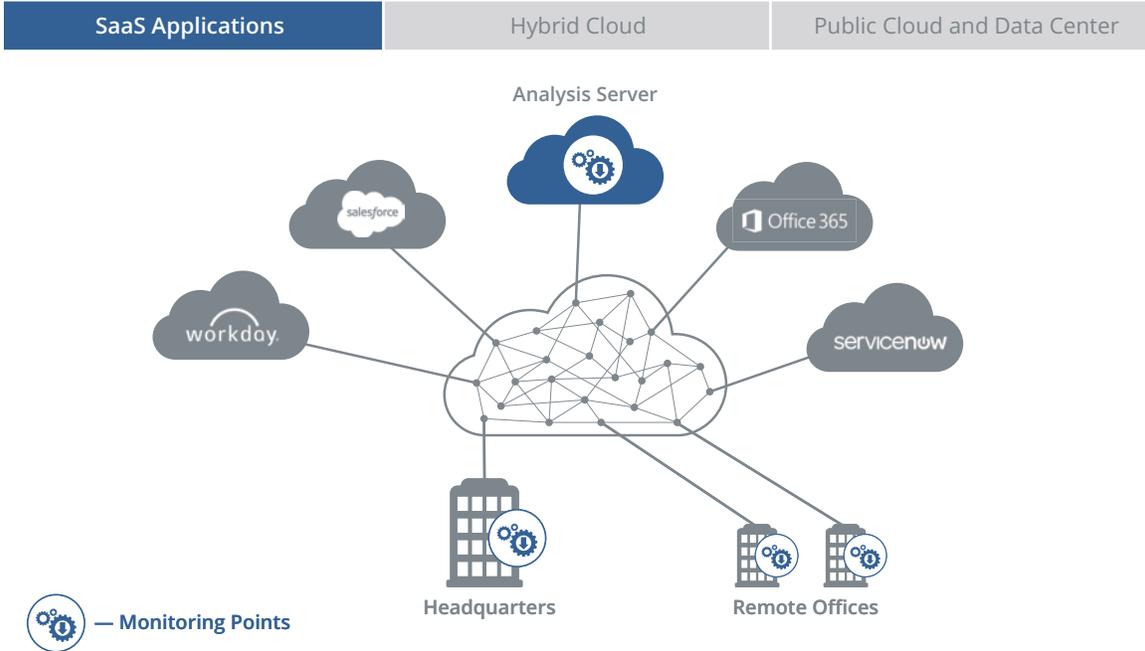
40° - 85° F

DEPLOYMENT SCENARIOS

Choose how you'd like to deploy SevOne Data Appliance EUE in your environment with flexible technology designed to work in your particular infrastructure.

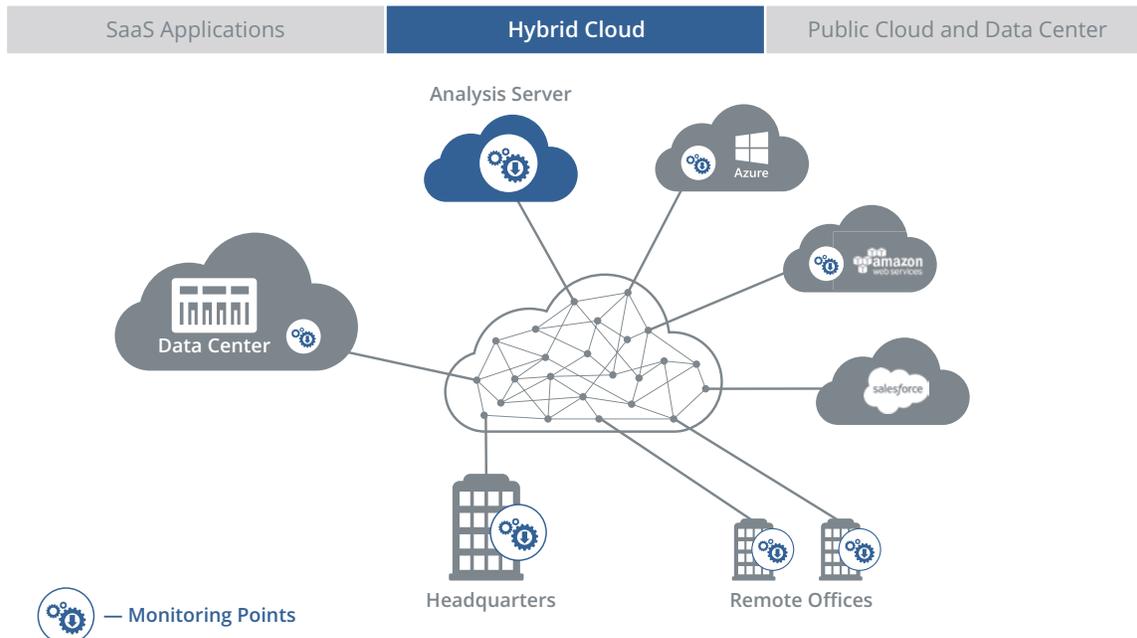
SaaS - Monitor business critical SaaS applications from any of your company's locations

SevOne Data Appliance EUE allow you to discover all the applications that are in use on your network and actively test these applications over your application delivery path. Whether you are testing for availability or performance, SevOne Data Appliance EUE will help you monitor and diagnose network performance issues to and into the SaaS provider's environment.



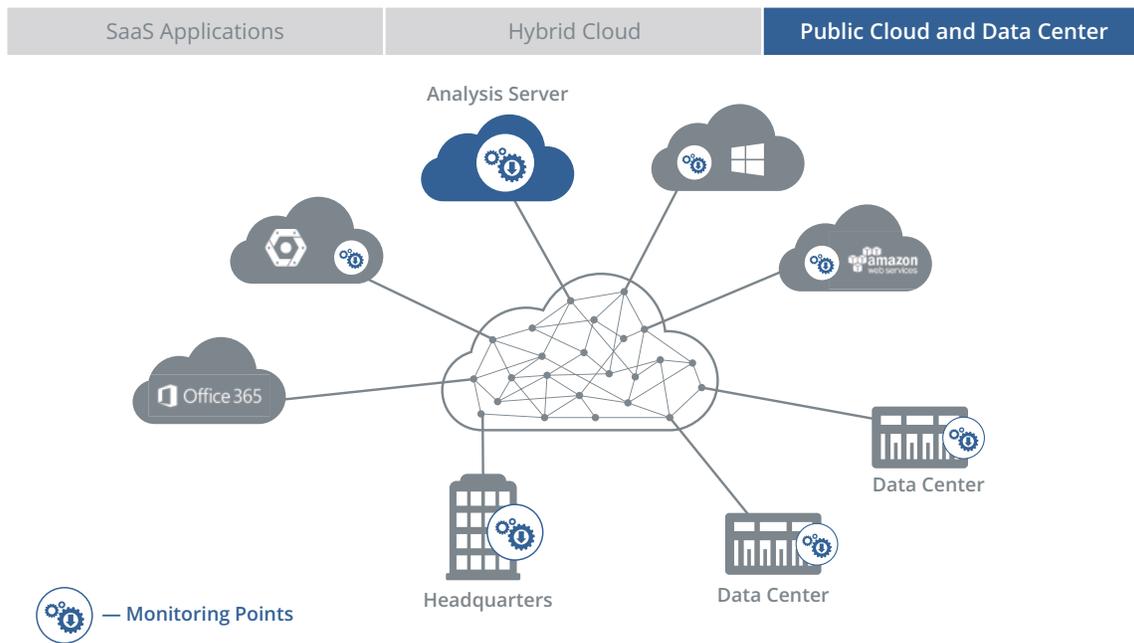
Hybrid Cloud - Monitor the critical connections between your remote offices, data centers or cloud deployments

SevOne Data Appliance EUE monitors to and between physical data centers, private cloud and public cloud deployments. Native software packages are available for installation on existing VMs within cloud providers as well. Robust API support allows for automation to create and manage the monitored paths for highly dynamic environments. This method is an example of deployment and is not mutually exclusive to other scenarios listed.



Cloud – Monitor business critical applications in public, private or hybrid cloud infrastructure

SevOne Data Appliance EUE allows you to monitor to and between public cloud deployments with support for AWS, Google Cloud and Microsoft Azure. Native software packages are available for installation on existing VMs within cloud providers as well. Robust API support allows for automation to create and manage the monitored paths for highly dynamic environments.



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