

# 6 REASONS WHY: SEVONE FOR FINANCIAL SERVICES NETWORKS

## AUTOMATED BASELINING

Financial services companies typically operate global networks with tens of thousands of devices and millions of indicators. Changes in use levels, server memory leaks, and other network abnormalities cause service-impacting events. Yet, it is easy for network operations teams to miss subtle changes in behavior when they rely on alerts based on predetermined, static thresholds. When detected, these subtle changes often foreshadow a potential service disruption.

SevOne Data Platform increases the efficiency of network operations teams by establishing a baseline for every performance metric it collects. This provides teams with an understanding of what is “normal” behavior for any given time of day and day of the week. Alerts based on standard deviation from baseline performance notify users when exception conditions occur for more reliable prediction of service-impacting events.

## SPEED AT SCALE

How does SevOne define scalability? The key metric is speed. Many products can scale but if they can’t maintain their speed then scale is meaningless. “Speed at Scale” is how we define scalability.

How do we deliver “Speed at Scale?” Legacy monitoring tools use a collection layer that may include several servers, but all the collected data is consolidated into a single central database. The SevOne Data Platform uses innovative architecture via a “peer-to-peer” way of collecting and reporting network performance data. Every virtual, cloud-based or physical SevOne Data Appliance manages all aspects of monitoring the devices it is asked to monitor. When one appliance is near capacity—just add another, and another, etc. Our largest customers monitor tens of thousands of devices and billions of data points a day—with the ability to run reports in seconds. Anything else is unacceptable.



**“As we evaluated vendors in this space, we found SevOne had a new way to approach the collection of performance data and prediction of potential service degradation.”**

—Lou Modano, Senior Vice President,  
Global Infrastructure Services, NASDAQ



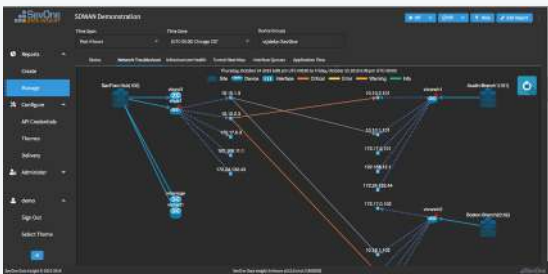
## CAPACITY PLANNING

To meet the needs of today's financial services environment, network operations and engineering teams need to ensure their network infrastructure is operating at its peak efficiency during both the slowest and the busiest of times. Downtime can mean loss of business, loss of revenue, and most importantly, loss of customers.

To achieve dynamic capacity planning, teams must be able to answer questions such as:

- **How much network bandwidth does the business need?**
- **How will our VPN concentrators cope with new remote workers?**
- **Which network interfaces will be most utilized 30 days from now?**

SevOne Data Platform keeps metrics as polled for up to a year, and creates reports projecting future traffic with different trending options such as linear, exponential and logarithmic. Legacy monitoring tools aggregate and summarize data after seven days. Less granularity means less value.



## HIGH GRANULARITY

One of the main challenges faced by network operations teams in financial services is monitoring bursty traffic—a situation that occurs when a significant number of queued packets are delivered within a short time period. Bursty traffic can cause network latency, jitter and even packet loss, each a significant issue for financial services-based networks.

SevOne Data Platform supports high frequency polling, allowing network teams to get performance metrics more frequently. For many of our customers, polling every minute is now the norm. Some of our customers are beginning to trial network streaming telemetry, where instead of polling for data, network devices stream their performance data—as fast as every second. Rest assured, whether you are polling every 5 minutes, every 1 minute or looking to make the move to network streaming telemetry, SevOne will be there to help you along the way.

## SUPPORT NEXT GENERATION NETWORKS

Financial services network operations and engineering teams are embracing next generation network technologies including software-defined WANs and datacenters, along with Wi-Fi access to deliver unmatched user experiences to network services and business critical applications to their increasingly mobile workforce and customers. Legacy network monitoring systems focused on SNMP are not designed to meet the needs of these emerging technologies.

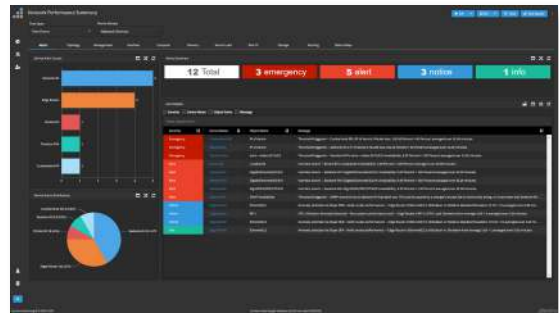
With broad support for the leading SD-WAN, SDN and Wi-Fi vendors, coupled with existing SNMP support, SevOne is prepared to help financial services companies monitor the networks of today and their transition to the networks of tomorrow.

## MODERN INTEGRATION

Integrating network performance data with 3rd party IT operational software is an essential ingredient in modern network operations.

Legacy network monitoring systems, often without the flexibility to integrate with modern IT operations tools via APIs and continuous data streams, can quickly become siloed – creating an environment of individual systems that impacts overall operational efficiency.

SevOne Data Platform enables IT to have flexibility in how they integrate network performance data with their daily operational tools and processes. From a powerful application programming interface, streaming collected metrics to an Apache Kafka bus or visually integrating 3rd party data using SevOne APIs, SevOne is ready to help teams modernize their approach to network and IT operations.



GET STARTED WITH SEVONE:



+1.302.261.8718



info@sevone.com



www.sevone.com