

PresiNET's TOTAL VIEW SERVICES™

When You Look at Your Network, What Can You See?

PresiNET's TOTAL VIEW SERVICES™ provide real-time network visibility and premium network intelligence, enabling your organization to monitor network traffic by user, server, application, destination, latency, jitter and more. TOTAL VIEW SERVICES™ Quality of Service module enables reliable and effective network traffic management.

TOTAL VIEW SERVICES™ were designed to save time and money by providing real-time information to assist your organization in network management, user policy management, traffic controls, troubleshooting and more, while ensuring the highest level of flexibility by storing and serving all the data from PresiNET's Secure Operations Center (SOC).

Bandwidth Monitoring

Ability to view bandwidth and monitor traffic flows by application, system, user, destination and more.

- Ability to see traffic, discover how and why bandwidth is used and have management tools which can be used to control what is discovered;
- Know how much applications bandwidth the enterprise is using and by whom;
- Determine applications that are not part of the approved application list and pinpoint the users of those applications. (Most administrators are surprised to find just how many non-approved applications are running on the network);
- Identify traffic from Spam, Trojans, Viruses and other anomalous traffic that has not been detected on the network. (We can pinpoint the exact systems that are infected and focus the IT staff on those systems, saving time and money);
- Determine when applications are being utilized on the network;
- Ensure patch updates and backups occur at appropriate times and frequencies,
- Ensure these applications do not burden the network during peak times – improve network performance.

Connection Tracking

Ability to track and monitor all TCP/IP connections by application, system, user, destination and more.

- Track all TCP/IP applications and where they are connecting. Determine where users are connecting, where on the internet they are going (including web sites), what servers they are logging into, and more;
- Determine connection loads as apposed to bandwidth loads. High connection loads can cause performance issues and even outages, even though there is sufficient available bandwidth;
- Identify which systems are causing high connection loads. In some cases, high connection loads can be caused by misconfigured systems or network errors. This will help identify where the issues are, saving time and money;
- Provide an additional level of security by tracking connections to see if users are trying to access privileged/secure resources. Some systems may have malicious software or may be compromised. Tracking connections will help identify these systems;
- Ability to perform detailed forensic audits on users and systems. For example, be able to audit a disgruntled employee for the last three months and determine exactly where and what systems he connected to both inside the network, and out to the Internet.



Benefits

Proactive enterprise leaders have begun to realize the solid financial benefits of making their network more visible. Reliable network reporting can help you:

- Save time and money;
- Increase application efficiency;
- Improve enterprise efficiency;
- Create and enforce constructive Internet and network usage policies;
- Compliance with legislation;
- Increase employee productivity;
- Decrease costs for Internet, WAN and Network bandwidth;
- Decrease downtime for mission-critical processes;
- Identify network and application lag, jitter and bottlenecks;

PresiNET's TOTAL VIEW SERVICES™ provides easy-to-install and easy-to-use real-time reports and management tools to help **get your enterprise's network to work for you.**



Latency, Jitter and Performance Monitoring

Ability to track round trip response times for all TCP/IP connections (latency). Every connection is timed to determine how long it takes for a connection request to be completed. Tracking round trip response times for all TCP/IP connections helps to identify slow connections, where the lag is occurring, jitter on the network, is it server or network based, and is the latency/jitter a result of high connection or high bandwidth loads.

- Set application latency and jitter thresholds alerts. For example, if an Oracle application takes longer than 20ms to connect, then send an alert to the administrator so they can track down and determine the cause of the lag;
- Alert IT staff of network/application lag and jitter BEFORE clients complain of issues. These alerts can prevent network outages and low performance which will save many man-hours in lost productivity and time taken to track down the cause of the outage;
- Pinpoint who, when, what application and to what destination is experiencing application connection lag;

- Determine if application lag and jitter is server, network or WAN related;
- Pinpoint and generate detailed reports on the segments causing network lag and jitter:
 - Determine if the lag is bandwidth based,
 - Identify the traffic streams that are causing the lag,
 - Identify who is consuming the bandwidth,
 - Identify busy periods on the network,
 - Provide visibility and intelligence data so that the IT staff can resolve the lag issues;
- Track failed connection and determine if these are viruses, worms or misconfigured systems;
- Ability to perform detailed forensic audits on users and systems to resolve connection issues. For example, be able to audit a user's connections to determine if that user abused an Internet or WAN usage policy or tried to access secure systems. Ability to confirm if users attempted to contact a server or made user login attempts;
- Generate summary and detailed historical data on application connection performance. Historical data will identify trends on the network, and point to areas that may require additional resources.

System Components

Network Visibility Manager

TOTAL VIEW SERVICES™ Network Visibility Manager provides real-time intelligence tools that offer an unparalleled look at the way your enterprise uses its Internet and network resources. Network Visibility Manager takes the invisible complexities of your Internet and network transactions and makes them visible.

The way your enterprise's employees and applications use the network and Internet can have a substantial impact on your bottom line. PresiNET's Network Visibility technology gives you the information you need to turn Internet and network resource inefficiencies into models of optimized resource allocation.

Performance Manager (QoS)

Controlling traffic flow in and out of your organization, or prioritizing traffic such as VoIP, will increase performance within your infrastructure. Limiting non-business related traffic, ensuring core-business traffic priority, dedicating bandwidth for critical applications, and sharing bandwidth equally among subnets and users will increase productivity for your organization or clients.

Security Manager

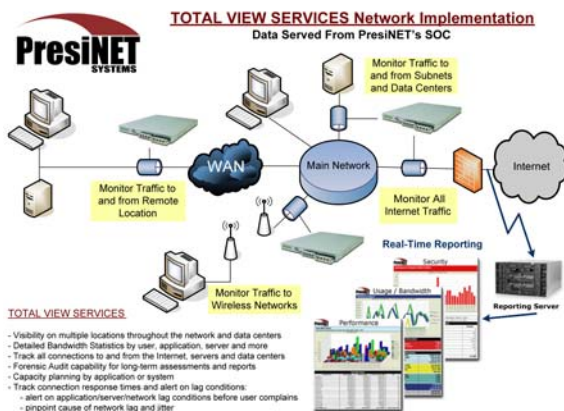
PresiNET's S-Series Sensors provide the latest in security technology ranging from Stateful inspection and application based firewalling, and advanced routing capability, to help secure your network environment from next-generation attacks. With built-in usage pattern analysis, real-time pattern irregularity alerts and automated security responses, PresiNET's Security Manager provides heightened security to your network through the earliest possible detection, notification and remediation of potential security threats caused by Trojans, worms and other self propagating malicious code introduced to the network.

PresiNET's Secure Operations Center (SOC)

TOTAL VIEW SERVICES™ was designed for small and medium sized organizations who prefer to have PresiNET store and manage the TOTAL VIEW sensor data. PresiNET's SOC stores and serves Network Visibility, Intelligence and Security information ensuring the highest level of flexibility and privacy. All data is encrypted and transmitted to our SOC for correlation, analysis and review. PresiNET can provide 24X7 firewall Security Services and event management.

TOTAL VIEW SERVICES™ Features

- In-Line or Out-of-Line modes
- Firewall Mode
- Application Monitoring,
- Network Latency and Jitter Reporting
- Quality of Service (QoS)
- Detailed Bandwidth Monitoring,
- Connection Tracking,
- Web Site Tracking,
- Security Event Management (in Firewall Mode),
- Capacity Planning, Troubleshooting and
- Fault Prevention.



United States and Canada:
Phone: (877) 591-5625
Email: solutions@presinet.com