TOTAL VIEW ONE Premium Network Intelligence

TOTAL VIEW ONE™ provides real-time Premium Network Intelligence and Visibility, enabling your organization to monitor network traffic by user, server, application, destination, latency and jitter. TOTAL VIEW ONE's Premium Network Intelligence enables reliable and effective Internet and network traffic management.

TOTAL VIEW ONE ™ was 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 privacy by storing and serving all the data on-site.

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:
  o Ensure patch updates and backups occur at appropriate times and frequencies,
  o Ensure these applications do not burden the network .

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 opposed 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 - caused by misconfigured systems or network errors;

- 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.
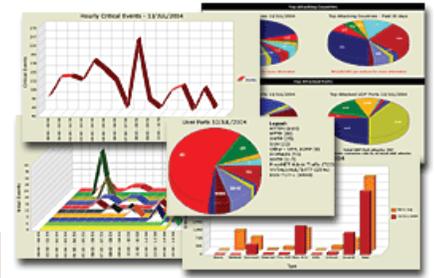
Benefits

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 and Network bandwidth;

- Decrease downtime for mission-critical processes;

- Identify network and application lag, jitter and bottlenecks.

PresiNET's TOTAL VIEW ONE™ system provides easy-to-install and easy-to-use real-time reports and management tools to help get your enterprises's network working for you.

TOTAL VIEW ONE

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 fhelps to identify slow connections, where the lag is occuring, is it server or network based, and is the latency 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 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:
  o Determine if the lag is bandwidth based,
  o Identify the traffic streams that are causing the lag,
  o Identify who is consuming the bandwidth,
  o Identify busy periods on the network,
  o 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 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.

Profiling and Benchmarking

Chart historical and projected usage by bandwidth, user, and application, within the last 90 days. Use the information to identify trends, for capacity planning, or to identify unusual behavior.

- Profile users and applications

- Identify unusual behavior and events

- View 30 and 90 day usage, by weekday, and weekend.

- View projected usage (capacity planning) by application to determine future network and bandwidth requirements

SENSORS TO MONITOR REMOTE LOCATIONS

SENSORS TO MONITOR TRAFFIC FOR SUBNETS AND DATA CENTRS

FIREWALL

INTERNET

WAN

SENSORS TO MONITOR WIRELESS LOCATIONS

TOTAL VIEW ONE - TO MONITOR INTERNET TRAFFIC AND PROVIDE SENSOR MANAGEMENT FOR REAL TIME PREMIUM NETWORK INTELLIGENCE REPORTING

PResiNET
SYSTEMS