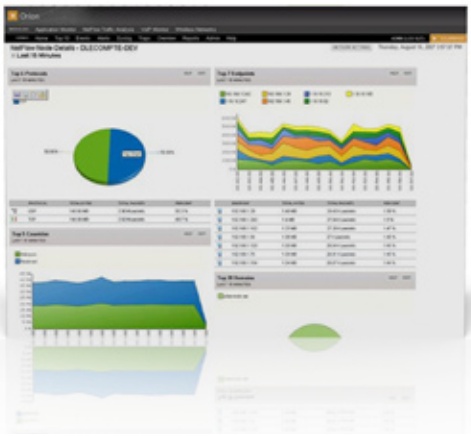
SOLARWINDS

NetFlow Traffic Analyzer

ORION MODULE

Put the Brakes on Bandwidth Hogs with NetFlow Traffic Analyzer



It never fails. The one time the CEO decides to open a file that lives on the network everything is moving in slow motion. Even though your buddies in accounting are streaming music and the sales guys are watching some animal attack video over the network, this is on you. But not to worry, we have the answer.

Orion NetFlow Traffic Analyzer enables you to capture continuous streams of network traffic and convert those raw numbers into easy-to-interpret charts and tables that reveal exactly how the corporate network is being used, by whom and for what purpose. You'll never again "take one for the team" – unless you want to.

Problem

Network engineers typically have very limited visibility into who is using network bandwidth and how they are using it. Without knowing which applications and users account for the most bandwidth usage, network engineers cannot easily diagnose network problems or properly match network capacity to business needs.

Solution

NetFlow Traffic Analyzer provides a new level of visibility into network traffic behavior and trends. By leveraging Cisco's NetFlow protocol to extract data from routers, NetFlow Traffic Analyzer provides an in-depth view into which users and applications are consuming the most bandwidth. NetFlow Traffic Analyzer converts NetFlow data into charts and tables, providing network engineers with an easy way to identify and isolate the cause and source of network problems, as well as provide historical performance information to help plan for future growth. Pie charts show the distribution of bandwidth across different types of traffic (e.g., HTTP, FTP, VoIP) and across different users. Line charts and area charts show usage patterns and traffic distribution over time. NetFlow Traffic Analyzer can also identify the source of external traffic inbound to the corporate network.

"NetFlow Traffic Analyzer allows us to drill down to analyze specific packets across links, see where possible problems lie and as we are transferring large amounts of data across the network we can see the network performance. NetFlow Traffic Analyzer gives us the ability to report performance in real time."

Senior Network Engineer - American Media, Inc.

Top-to-Bottom Network Analysis Solution

NetFlow Traffic Analyzer enables network engineers to quickly examine Cisco® NetFlow traffic data and to drill down into the data to determine traffic by user, application, department, conversation, interface, protocol and type of service bit in the NetFlow packet. Integration with Orion provides users with the deepest drill down across traffic patterns and into device performance, resulting in unprecendented visibility into usage, performance and availability statistics. Competitive offerings merely infer and estimate utilization data.

Optimized Storage Engine

NetFlow Traffic Analyzer includes a service that intelligently summarizes large amounts of raw NetFlow data, providing users quick access to historical data while minimizing storage costs. The raw data is replaced by the summary allowing the customer to keep significant amounts of information ready for graphs and tables. In contrast, competitors either limit what the users can keep, or they create a large, hard-to-manage database with expensive storage costs.

Enterprise-Ready Management Infrastructure

NetFlow Traffic Analyzer is built on the mature Orion platform, providing users with all of the enterprise scalability and stability benefits of Orion. In contrast, competitor products are relatively new standalone tools with little track record of standing up to the high volume of Netflow data that will be generated by any but the smallest enterprise.

Increase Network Security

NetFlow Traffic Analyzer improves visibility into inbound traffic, exposing suspicious activities or anomalous patterns to identify a wide variety of intrusions, such as the SQL Slammer virus, and viruses that populate "fake" e-mail traffic in hopes of overloading Exchange® servers.

Enable Analytical Capacity Planning

NetFlow Traffic Analyzer highlights trends in network traffic, allowing network staff to anticipate changes in bandwidth needs for different parts of the business and plan accordingly.

Optimize Network Resource Allocation

NetFlow Traffic Analyzer delivers the data necessary to identify areas experiencing bottlenecks and reassign bandwidth to areas of excess capacity without increasing spending.

Align IT Resources with Business Needs

NetFlow Traffic Analyzer shows IT staff exactly what users are doing on the network, allowing them to adjust their efforts to fully support business priorities.

Reporting

Orion-style reports can be run and scheduled with NetFlow Traffic Analyzer. Out-of-the-box reports include:

- Traffic by Top xx resources based on percentages of Top 100 items
- Traffic by Top xx applications over y days
- Traffic by Top xx endpoints over y days
- Traffic by Top xx protocols over y days
- Traffic by Top xx domains over y days
- Traffic by IP address group over y days

Historical NetFlow Forensics

NetFlow Traffic Analyzer makes analyzing network traffic much easier by enabling insight into specific periods of time. This is extremely important when diagnosing "what happened?" during a given time period, enabling a forensic analysis of the NetFlow data.

System Requirements

Operating System: Windows® 2003 Server (32-bit or 64-bit) including R2, with IIS installed; .NET Framework: Version 3.0 or later; Database: SQL Server 2000 SP4 Standard or Enterprise, SQL Server 2005 Standard or Enterprise; Minimum Hardware Requirements: CPU Speed: 2.0 GHz; Hard Drive Space: 2 GB; Memory: 1 GB.

For additional information, please contact SolarWinds at 866.530.8100 or e-mail sales@solarwinds.com.
To locate an international reseller near you, visit www.solarwinds.com/distributor/locator.html