

Complete Integration of Flow Technology

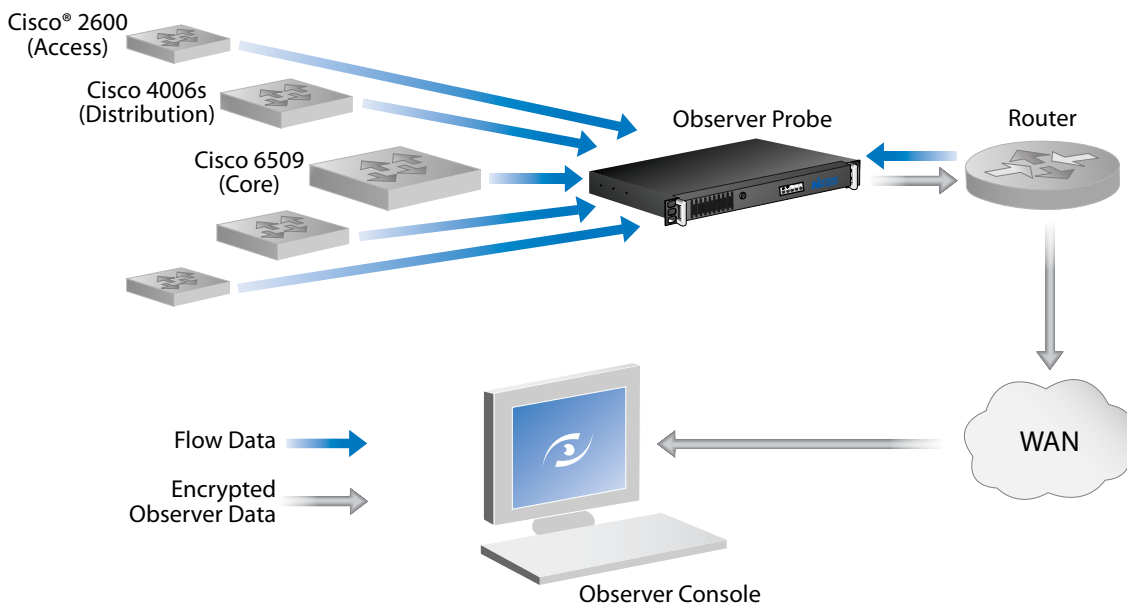
The growing size and complexity of networks make it increasingly challenging for network professionals to maintain visibility into enterprise communication. However, monitoring that communication is still important. This is why Network Instruments® has integrated NetFlow and sFlow® analysis into its Observer® platform.

With Expert Observer, you can now collect and analyze NetFlow and sFlow data from designated switches and routers throughout the network. This functionality provides your probes with a wider range of visibility across network segments. NetFlow and sFlow offers basic insight into communication, allowing network professionals to detect abnormal activity. Observer can then drill down for deeper analysis and problem resolution.

Integrating NetFlow/sFlow with Observer allows network professionals to . . .

- Collect data on user activity
- Extend Observer probe visibility
- Obtain long-term Flow trending reports
- Consolidate and encrypt data collected by Flow technology
- Set Triggers and Alarms for user or application activity

Collect and Analyze Flow-Based Data with Observer



Gain Flow Intelligence with Observer Technology

Any Network Instruments Advanced Expert Probe can be configured to collect Flows from various devices on a particular site and send that information to a centralized Observer console. The console then displays Flow data, providing:

Real-Time Statistics

- **Top Talkers**—Identify which devices or end users are creating the most activity
- **Pairs Matrix**—Determine which users/devices are communicating
- **Bandwidth Usage**—Be aware of current bandwidth utilization levels
- **VLAN Analysis**—Monitor traffic running over each VLAN
- **Application Awareness**—Identify active applications on the network, and corresponding ToS
- **Triggers and Alarms**—Receive alerts immediately on abnormal activity

Long-Term Trending

- **Network Trending**—Collect and store data Flows over an extended period of time
- **Internet Trending**—View and analyze Internet traffic over time
- **Comparison Analysis Reports**—Identify trends and abnormal activity
- **Report Scheduler**—Automate report delivery to designated users



NetFlow-Based Top Talkers

Integration Advantages

Maximum Visibility

To gain visibility into routed traffic across every port, utilize both Observer and Flow technologies for maximum, economical, and scalable visibility.

Problem Resolution

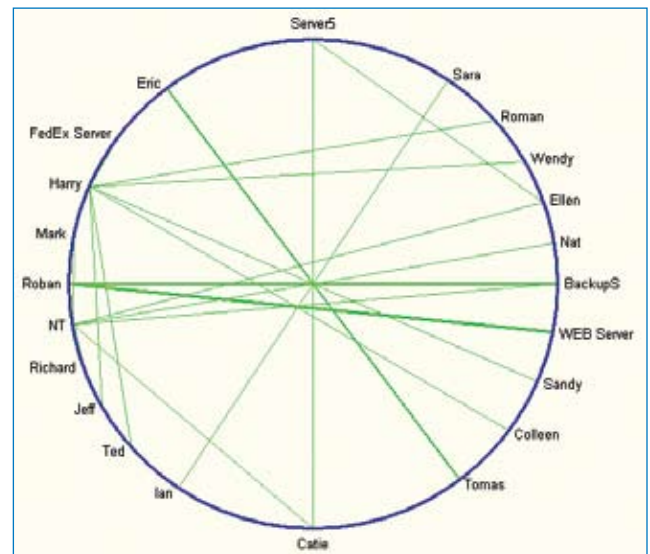
Flow technology first detects abnormal activity while Observer then helps you resolve the issue. For example, NetFlow can show that a station is consuming excessive bandwidth but Observer can drill down and explain why.

Added Security

Observer probes automatically consolidate and encrypt traffic before sending it to the console. This improves security and reduces bandwidth consumption.

Application Analysis

Flows can identify which applications are active on the network and provide usage statistics. Observer can then drill down and analyze application performance.



Pairs Matrix

"Tracking NetFlow through Observer offers many benefits. NetFlow data reveals abnormal activity on the network and then I can drill down on that particular activity with Observer. Although NetFlow shows diagnostic data, I need Observer to resolve the issue particularly at the application level. As a result, with Observer I can collect and also act upon NetFlow data already running across our networks."

Stephen Joseph
LEK Securities

About Network Instruments

Network Instruments provides in-depth network intelligence and continuous network availability through innovative analysis solutions. Enterprise network professionals depend on Network Instruments' Observer product line for unparalleled network visibility to efficiently solve network problems and manage deployments. By combining a powerful management console with high-performance analysis appliances, Observer simplifies problem resolution and optimizes network and application performance. The company continues to lead the industry in ROI with its advanced Distributed Network Analysis (NI-DNA™) architecture, which successfully integrates comprehensive analysis functionality across heterogeneous networks through a single monitoring interface. Network Instruments is headquartered in Minneapolis with sales offices worldwide and distributors in over 50 countries. For more information about the company, products, technology, NI-DNA, becoming a partner, and NI University please visit www.networkinstruments.com.

Solution Bundles

Contact a Network Instruments representative or dealer to ask about product bundles that cover all of your network management needs.



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