

Actionable Real-time Enterprise Network and Service Delivery Visibility



Monitor all geographically distributed network segments, applications & services from a single, central location



Dynamic, moment-to-moment updates of the enterprise network in real-time



Clear understanding and total visibility of the entire enterprise network



Business continuity assurance, service availability, policy compliance and risk management



Maintain governance over globally distributed business assets and mission critical procedures

Features & Benefits

- ⊙ Customizable user dashboards from packet-level to enterprise-wide services and applications
- ⊙ Simplified management and security of distributed networks and services
- ⊙ Enterprise-wide security, SLA & QoS monitoring
- ⊙ Reduce the number of performance and security devices
- ⊙ Complete aggregation and correlation of raw traffic, security incidents, application performance, VoIP, SNMP, NetFlow, alarms, etc.
- ⊙ Graphical representation of distributed applications and services via interactive meters, graphs and alarms
- ⊙ Correlation of high-level incidents to packet-level information
- ⊙ Replace manual investigation processes with proactive discovery, classification and analysis of diverse applications and protocols
- ⊙ User and service centric customizable dashboards

Challenge

Organizations today are focused on obtaining a better return on investment from solutions that they rely on for delivering their business services. They are looking for tools and solutions that not only help them reduce their investments, but streamline and enhance their ability to resolve service disruptions while assuring business goals and initiatives are prioritized. In order to align IT investments with business objectives, improve cost reduction efforts and increase revenue via SLA assurance, it becomes imperative for organizations to manage all aspects of global network monitoring and incident response from a single unified and holistic platform architecture.

Solution

NIKSUN's NetOmni is a comprehensive enterprise network and service delivery management portal. It provides a top-down holistic view of business service disruptions, performance issues and security incidents. It monitors all services and applications as well as the underlying network infrastructure in real-time and allows network administrators to configure their network views for relevant information based on their responsibilities. NetOmni offers users a central location from which to respond to global network events in real-time, streamlining the network management process in a manner conducive to a "best-practices" model that ensures network security, SLAs, QoS and overall organizational success.

NetOmni is part of NIKSUN's NetOmni Suite and seamlessly interoperates with: *NetTrident* (enterprise network forensic analysis tool), *NetX* (enterprise data aggregation & reporting tool) and *Central Manager* (remote appliance management console).

How it Works

NetOmni communicates with remote NIKSUN appliances that monitor subsets of a global network for performance, security and policy compliance. Data visualization on NetOmni can be grouped as logical functions, businesses, regions, hosts and users on customizable and user/service centric dashboards that offer high-level views into global network services via a distributed deployment of various NIKSUN appliances.

Network at a Glance

In addition to aggregating and correlating packet data from NIKSUN appliances, NetOmni also collects and represents NetFlow and SNMP data on customizable user dashboards.

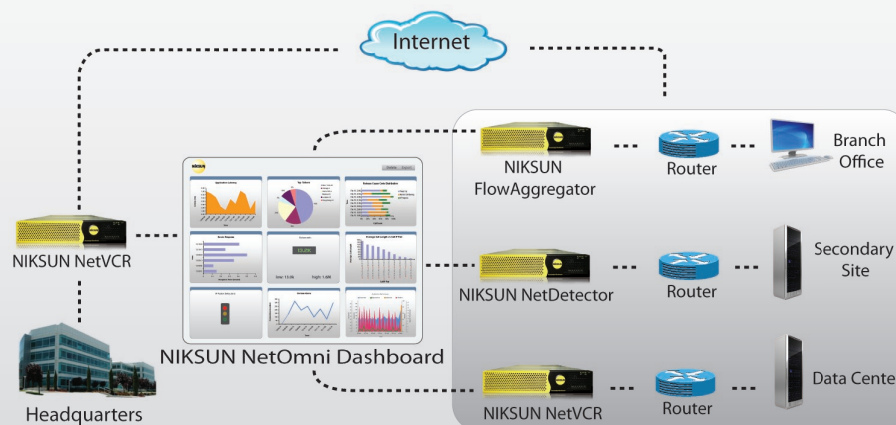
Users and groups may be assigned as many dashboards as they require. Each dashboard is equipped with a variety of graphical sensors that inform users of the status of services, applications or servers. For example, a dashboard may be configured to show real-time information on various delivery parameters for a particular service via a traffic-signal type sensor. The sensor monitors the service in real-time and matches delivery parameters with corresponding defined thresholds to trigger alerts.

Instant Drill-down to Granular Information

Each sensor is directly linked to statistical and packet level information of the service or asset that it is monitoring. In the event of a red or yellow alert, all the user has to do is click on the alert to drill-down to granular data and initiate forensic analysis for troubleshooting and root cause identification.

Long-term Archival for Reference, Analysis and Evidence

All network events and packets are indexed, time-stamped and archived into the NIKSUN Network Knowledge Warehouse so information can be shared via meaningful reports across the enterprise. The warehouse is also useful for future reference, post event analysis and documentation/evidence purposes.



Dynamic Dashboard Views of Distributed Enterprise Network with NetOmni

Technical Information

Form Factors: A variety of 1U and 2U form factors are available. Internal storage scales to several terabytes. Unlimited external storage available.

Integration: TACACS+, RADIUS, LDAP, Active Directory and a range of network performance and security management tools (SEIM, NMS)



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About NIKSUN: NIKSUN is the premier provider of patented multi-timescale network and security monitoring and real-time analysis solutions that identify, alert, analyze and report on incidents that impact performance, security, compliance applications and services. NIKSUN's NetOmni Suite is the only technology available today that offers large organizations the ability to consolidate views into globally distributed high-speed converged networks according to user responsibilities. NIKSUN empowers organizations to make fast, accurate decisions that assure network performance, security and compliance goals are met and data integrity is protected.

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