



NetOmni®

Global Visibility. Single Access.

Features & Benefits

- » *Single portal across physical, virtual, and cloud infrastructure unifying distributed NIKSUN intelligence*
- » *Complete aggregation and correlation of raw traffic, security incidents, application performance, VoIP, SNMP, NetFlow, alarms, etc.*
- » *Customizable user dashboards, alarms, and reports from enterprise-wide services and application down to a single packet level*
- » *Increase ROI with unified enterprise-wide SLA and QoS Monitoring*
- » *Proactively discover, classify, and analyze diverse applications and protocols in minutes*

Challenge

Typical modern enterprise networks consist of different geographically dispersed devices, servers, and work consoles each producing and consuming various data sources. These may include mission-critical data, voice, and video streaming. Monitoring and adjusting network functions for performance, processor load balancing, and security in such an environment is a challenge that is further amplified by the plethora of networking tools, each producing different granularity of metrics and alarms. As a result, obtaining timely and actionable network intelligence, reducing operating costs, and consolidation of network tools becomes a top business priority.

Solution

Global visibility through a single point of access is possible with NIKSUN's NetOmni. It is a comprehensive enterprise network and service delivery management portal that provides top-down holistic view of business service performance, network disruptions, and security incidents. NetOmni monitors all services and applications, as well as underlying network infrastructure, in real-time and allows network administrators to configure network alerts for relevant information.

To better meet your organization's needs, NetOmni is offered in two product forms: NetOmni Analytics and NetOmni Reporting. NetOmni Analytics allows central management, reporting, and alarming for all appliances on the network. NetOmni Analytics collects and stores long term metadata in NetOmni for improved reporting query time, historical and forensic safekeeping. In addition, both modules can be combined into NetOmni Full Suite, which offers the best of both.

NIKSUN NetOmni delivers consistency, efficiency, and affordability.

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 to as many dashboards as they require. Each dashboard is equipped with a variety of graphical indicators 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.

One-Click Drill-down to All 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 needs 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, timestamped, 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, documentation, or forensic evidence purposes.

Data collection and archival also improves query response time as data is readily available on NetOmni.

Technical Information

Form Factors: A variety of 1U to 4U+ form factors are available. Internal storage scales to several terabytes. Unlimited external storage is available.

Integration:

- » *Authentication* - TACACS+, RADIUS, LDAP, Active Directory, and CAC.
- » Third Party Network Performance and Security Management Products - HP ArcSight, ITRS, Junospace, McAfee and Splunk
- » All NIKSUN products integrate with NIKSUN NetOmni Full Suite for enterprise-wide aggregation, reporting and visualization.

Interested in learning more?

For more information, please visit us online at niksun.com.



Dynamic Dashboard Views of Distributed Enterprise Network with NetOmni



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