



NetOmni™ Suite

Real-time Enterprise Network Monitoring



The Network Information Portal: A central place to monitor, correlate & analyze distributed networks, applications & services



Clear understanding and total visibility of the entire enterprise network and services



Common, shareable repository of network information in multiple timeframes (subseconds to months)



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



Maintain governance over globally distributed business assets and mission critical procedures

Features & Benefits

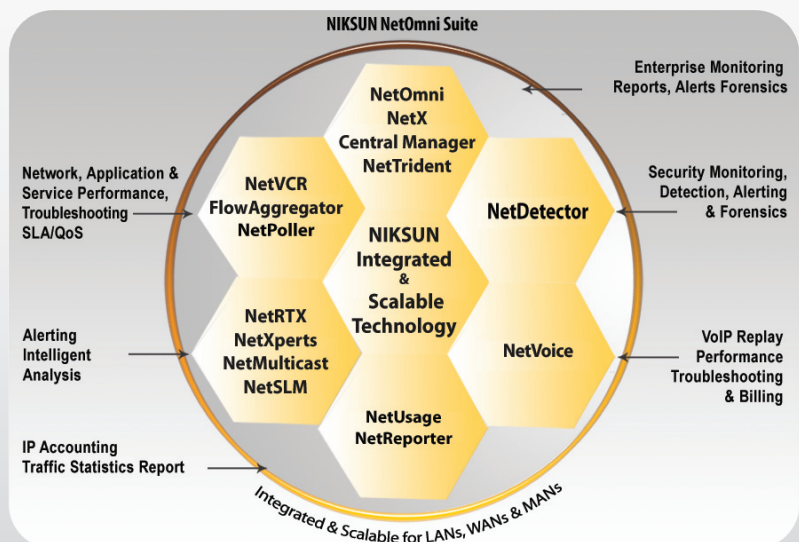
- Customizable user dashboards from packet-level to enterprise-wide services and applications
- Dynamic, moment-to-moment updates of the enterprise network in real-time
- Complete aggregation and correlation of raw traffic, security incidents, application performance, VoIP, SNMP, NetFlow, alarms, etc.
- Graphical representation of the network via interactive meters, graphs and alarms
- Drill-down from applications to packet-level information for granular forensic analysis
- Replace manual investigation processes with proactive discovery, classification and analysis of diverse applications and protocols
- Ad-hoc and scheduled reporting on multiple time scales (sub-milliseconds to months)
- Option for virtually unlimited storage for long-term archival of all data or only specific subsets
- Role based access control

Challenge

Organizations today are focused on reducing the number of vendors and tools 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 or security issues while assuring business goals and initiatives are prioritized. In order to align IT investments with business objectives, improve cost reduction efforts while providing secure and highly available services, it becomes imperative for organizations to manage all aspects of global network monitoring and incident response from a single unified and holistic architecture.

Solution

The NIKSUN NetOmni Suite empowers organizations with a central point of visibility from which all global SLAs, QoS and availability and integrity of network applications and resources can be monitored and assured. It provides a single platform architecture that integrates all global network management functions (auditing, alerting, analysis, problem resolution and reporting), thereby increasing consistency within operational processes and introducing high standards of productivity to incident response mechanisms.



By interfacing with remote subsets of the larger network to collect and collate information into the NIKSUN Network Knowledge Warehouse, the NetOmni Suite offers organizations the unique ability to make fast and accurate decisions from a central enterprise-wide portal to assure network service levels and protect data integrity. Users can identify, correlate and resolve performance, security and compliance issues immediately through real-time, actionable alerts that provide easy access from applications down to packet-level information via the Network Knowledge Warehouse. This integration greatly speeds up the process of accurate and efficient incident response, forensic analysis and reduces MTTR by enabling problem resolution in minutes as opposed hours or even days taken by non-correlated and manual analysis processes offered by legacy solutions and tools.



NetOmni™ Dashboard with Dynamic Alarms

Four Integral Functions

The NIKSUN NetOmni Suite consists of four vital components:

- ⦿ **NetOmni Dashboard** is an enterprise-wide service delivery management portal that aggregates a geographically distributed network into a single holistic view via a high-level dashboard. The dashboard is equipped with graphical sensors that monitor all services, applications and underlying network infrastructure in real-time. Organizations are informed of service, application and network status as per defined thresholds. The dashboard can be configured to view the network as defined groups of logical functions, regions, business units, services, applications, etc.
- ⦿ **NetTrident** is a holistic forensics and analysis tool that allows organizations to investigate remote performance, security and policy compliance issues as they occur within the global network. It aggregates and correlates events from remote NIKSUN appliances and allows immediate drill-down from application to packet level information in real-time; thereby streamlining the process of forensic analysis, investigation and identification of root-cause.
- ⦿ **NetX** is a comprehensive enterprise-wide reporting tool that correlates information from the distributed NIKSUN Knowledge Warehouse into relevant and meaningful reports. Its reporting scheme is vastly configurable and can accommodate various combinations of network parameters and time-lines. Reports can be scheduled or generated on an ad-hoc basis.
- ⦿ **Central Manager** is a single-point management console that allows remote deployment, event management and configuration of remote NIKSUN appliances. Alarms, software upgrades, backups/restorations, log records review, user access control/grouping, appliance health monitoring, installation audits and more are all possible in a remote and secure manner.

Technical Information

Form Factors: A variety of 1U and 2U form factors are available. Internal storage scales to several terabytes. Unlimited storage option available using NIKSUN's plug-and-play storage arrays.

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