

Enterprise-wide Network Data Aggregation and Reporting



Aggregate geographically distributed network data into relevant metrics, measures and reports



Central, shareable repository of distributed network information-capture information once for multiple uses



Ad-hoc and scheduled reports on multiple time frames (from subseconds to months) for operations and strategic decision making



Quick identification of anomalies, bottlenecks, potential security risks and underutilized resources



Maintain governance over globally distributed business assets and mission critical procedures

Features & Benefits

- ⊙ Enterprise-wide reporting of distributed networks, applications and services for use in multiple applications
- ⊙ Types of reports include: Performance, Security, QoS, Remote Sites, Baseline, VoIP Heatmap, WAN, NetFlow, etc.
- ⊙ Quick, customizable reporting on geographically distributed services empowers users to profile, secure, design and ensure highly available services
- ⊙ Trending, forecasting and baselining capabilities for network optimization, resource/capacity management, planning and change control
- ⊙ 100% visibility of distributed SLAs and QoS
- ⊙ Complete aggregation raw traffic, VoIP, SNMP, NetFlow and alarms
- ⊙ Option for high-level views of enterprise network services and applications via customizable dashboards
- ⊙ Scalable, turnkey solution with web-based user interface

NIKSUN's NetX aggregates information from geographically distributed networks, applications and services and represents performance and security metrics as meaningful reports. It provides a central point of visibility over the entire enterprise network and allows information to be shared via a unified network-wide data repository to facilitate operational consistency and overall business efficiency.

NetX empowers organizations with configuration options within its reporting scheme for network integrity, service assurance, capacity planning, trending, forecasting, baselining, troubleshooting and security forensic analysis.

Enterprise-wide Distributed Data Aggregation

NetX communicates with remote NIKSUN appliances that monitor various links across the network for performance, security and policy compliance measurements. It aggregates distributed NIKSUN knowledge repositories into a single, virtualized enterprise-wide Network Knowledge Warehouse that is a hierarchical and correlated collection of all enterprise network information. NetX collates information (Netflow, SNMP, packets, etc.) from all network applications, services and their underlying infrastructure and prioritizes key service delivery, security and compliance metrics; which can then be presented and shared as meaningful reports.

Flexible Enterprise Reporting

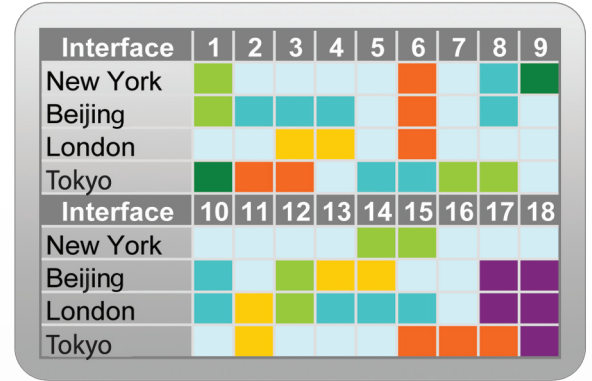
NetX reports on any combination of network metrics as per the needs of organizations, along a time-line of their own choosing. It comes preconfigured with default report layouts but seamlessly accommodates user preferences. Reports may be scheduled on an hourly, daily, day, weekly, monthly basis or other customizable time-frames and can also be generated on an on-demand or ad-hoc basis. Since NetX aggregates network data in real-time, reporting is relevant to current performance, security and compliance adherence issues.

Remote Site and Group Reports

Information can be grouped by enterprise or business unit contexts, such as links, hosts, subnets, applications, organizations or other criteria. This creates relevance within generated reports and provides contextual enterprise-wide data to profile, design and ensure highly available services.

Examples of NetX Reports

- ⊙ **Security Analysis Reports** (heat maps, scan reports, affected hosts reports, application mapping, etc.)
- ⊙ **Site/Enterprise Reports** (application volume leaders, top talkers/conversations/applications, site exceptions, etc.)
- ⊙ **Activity and Talkers Reports** (IP, non-TCP talkers, TCP/non-TCP conversations, applications, etc.)
- ⊙ **Integrity Reports** (server activity, work efficiency, delay, latency, etc.)
- ⊙ **Distribution Reports** (pre-link, link, IP, UDP, TCP, application, etc.)
- ⊙ **Packets Reports** (link, IP, UDP, TCP, application, packet rate, etc.)
- ⊙ **VoIP Reports** (QoS- MOS, jitter, delay, network vs VoIP volume, top protocols, release cause code distribution, etc.)
- ⊙ **NetFlow Reports** (bit rate, packet rate, byte count, packet count, host pairs, hosts, applications, etc.)
- ⊙ **SNMP Reports** (Switch polling of MIB II data: utilization, byte count, bit rate, in/out errors/discards, etc.)
- ⊙ **Remote Site and Group Reports** (information can be grouped by enterprise or business unit context such as links, hosts, subnets, applications, organizations, etc.)



NetX Heat Maps Identify Network Hotspots

Capacity Planning, Trending and Baselineing

Based on historical data, NetX projects future network trends to assist capacity planning for future resource needs and to protect the infrastructure from slow-downs caused by increased resource constraints. Adaptive baselining reports on parameters such as remote site and application utilization, bytes and packet counts, etc. are available. Baselines can be created for any combination of parameters for daily, weekly, monthly or yearly time periods. Current utilization levels, bit rates, packet rates, etc. can be compared with the corresponding baseline based on historical information stored in the NIKSUN Network Knowledge Warehouse.

NetX is part of NIKSUN's NetOmni Suite and seamlessly interoperates with *NetOmni* (enterprise-wide service delivery management portal), *NetTrident* (enterprise-wide forensic analysis and data correlation) and *Central Manager* (remote appliance management console); creating a cohesive enterprise solution that integrates multiple functions for remote performance, security and compliance visibility, verification, alerting analysis, reporting and assurance.

Technical Information

Form Factors: 2U form factor with internal storage that 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)



100 Nassau Park Blvd
Princeton
NJ 08540
t: +1.609.936.9999
toll free: +1.888.504.3336
f: +1.609.419.4260
info@niksun.com
www.niksun.com



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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