# Solution Modules

## Proactive Network Visibility Solutions

| | | | | |
|---|---|---|---|---|
| NetSLM generates real-time SLM or QoS alerts on application or network performance KPIs | NIKSUN NetXperts is a non-intrusive analysis & troubleshooting solution for performance & security analysis | NIKSUN NetReporter provides on-demand or scheduled network application, security and performance reports | NetMulticast monitors and troubleshoots multicast traffic on the access, distribution and core layers | NIKSUN FlowAggregator collects flow data from distributed sources for monitoring and analysis |

## Solution Modules

- ⊙ NIKSUN NetXperts™ - for expert analysis and troubleshooting

- ⊙ NIKSUN NetMulticast™ - for multicast network performance monitoring & troubleshooting

- ⊙ NIKSUN NetReporter™ - for flexible network reporting

- ⊙ NIKSUN NetVoice® - for VoIP network monitoring and troubleshooting

- ⊙ NIKSUN NetRTX™ - for real-time network performance monitoring experts

- ⊙ NIKSUN NetUsage™ - for dynamic IP flow data exporting

- ⊙ NIKSUN FlowAggregator™ - for real-time flow data monitoring and historical analysis

- ⊙ NIKSUN NetSLM™ - for real-time network QoS/SLM monitoring

- ⊙ NIKSUN NetPoller™ - real-time network switch polling

## Increase the Power

NIKSUN Solution Modules greatly increase the power and benefits of investments in NetVCR and NetDetector. These optional, easy-to-use add-on software modules are integrated and scalable for multiple network topologies and environments. NIKSUN's modular software architecture further extends solution capabilities and provides a fully integrated platform capable of network performance monitoring, security, VoIP, reporting, trouble-shooting, and compliance. NIKSUN's service-oriented platform offers the maximum ROI compared to other solutions by reducing overall infrastructure costs while also minimizing MTTR and ensuring the continuity of critical business services. All of NIKSUN's real-time network monitoring add-on modules are integrated and scalable.

## NIKSUN NetXperts™
### Expert Analysis & Troubleshooting

- ⊙ Non-intrusive, powerful analysis and troubleshooting Xpert solution for performance and security analysis

- ⊙ Substantial library of built-in Xperts conveniently organized into pre-existing categories

- ⊙ Performance management and security Xperts provide in-depth analysis of networks, applications, attacks and breaches

- ⊙ Enables users to find and fix network issues including sensitivity analysis using easy parameter variation

- ⊙ Schedule multiple Xperts at a time and automate reports in preferred formats for troubleshooting and incident reporting

## NIKSUN NetMulticast™
### Multicast Performance Monitoring & Troubleshooting

- ⊙ Monitors & troubleshoots multicast traffic on access, distribution and core layers

- ⊙ Provides multicast application, traffic and protocol drill-down information for all sources/groups

- ⊙ Alerts on utilization levels (including short spikes) retransmits, QoS level, etc.

- ⊙ Reports enable long-term trending and capacity planning

- ⊙ Reachability analysis tools test end-to-end reachability, path delay, active source/groups, etc.

## NIKSUN NetReporter™
### Flexible Network Reporting

- ◉ On-demand or scheduled network application, security, and performance reports

- ◉ Publish as web pages, email or save as pdf, csv, or html

- ◉ Performance reports include utilization, application performance, top service, top host, top pairs, QoS, etc.

- ◉ Security reports include event severity distribution, most frequent breaches, top offenders, violation reports, etc.

## NIKSUN NetVoice®
### VoIP Network Monitoring & Troubleshooting

- ◉ Measures, records and reports on every VoIP flow in the network in real-time at production traffic rates

- ◉ Enables no-loss VoIP multi-timescale and multi-level monitoring and call troubleshooting

- ◉ Provides VoIP protocol decodes, QoS/QoE statistics, and audio reconstruction and playback, and quality metrics including ITU standard "E-Model" MOS scores

## NIKSUN NetRTX™
### Real-time Network Performance Monitoring Xperts

- ◉ Powerful, real-time content expert and alerting capabilities that enable user to quickly resolve network problems

- ◉ From NIKSUN Event Viewer, observe and drill to root cause from high-level events

- ◉ Alerts (SNMP traps or Syslog/CEF) can be exported to existing external management systems

## NIKSUN NetUsage™
### Real-time IP Flow Information Export

- ◉ Generate and collect IP flow-based detail records for IP billing, accounting, etc.

- ◉ Measurements, data collection parameters and export file format/time intervals are user-configurable

- ◉ IP Data Records (IPDR) are aggregated and generated by the NIKSUN appliance and can be customized with NetUsage

## NIKSUN FlowAggregator™
### Real-time Flow Data Collection & Analysis

- ◉ Collects and analyzes flow information, performs real-time and historical analysis and generates reports

- ◉ Organizes flow data into NIKSUN format for in-depth analysis, fast retrieval, real-time monitoring, and troubleshooting

- ◉ Supports v5, v7, v9, NetStream, J-Flow, and IPFIX; highly scalable to complex enterprise environments

## NIKSUN NetSLM™
### Real-time Network QoS/SLM Monitoring

- ◉ Generates SLM or QoS alerts on application or network response times, retransmissions, utilization, bit rate service levels, etc.

- ◉ Alerts (upper or lower threshold breaches) can be analyzed with NIKSUN analysis tools and are customizable with user-designed filters

- ◉ NIKSUN alerts are compatible with and can be exported to external management systems

## NIKSUN NetPoller™
### Real-time Network Switch Polling

- ◉ Provides detailed switch link-level traffic information and distributed polling capability

- ◉ Provides detailed views (traffic utilization, discards, error data, etc.) per switch port and aggregated views of all switch ports

- ◉ Provides a high level view of the network (unicast, broadcast, multicast, etc.); switch polling intervals and polling targets are customizable

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

NIKSUN

**About NIKSUN:** *NIKSUN is the recognized worldwide leader in making the Unknown Known. The company develops a highly scalable array of real-time and forensics-based cybersecurity and network performance management solutions for large enterprises, government & intelligence agencies, service providers, financial services companies and retailers. NIKSUN's award-winning appliances deliver unprecedented flexibility and packet capture power. The company's patented real-time analysis and recording technology is the industry's most comprehensive solution for secure and reliable network infrastructure and services. NIKSUN, headquartered in Princeton, New Jersey, has sales offices and distributors throughout the US, Europe, the Mid East and Asia-Pacific. For more information, please visit www.niksun.com.*