



# Solution Modules

## *Proactive network visibility solutions*

### Features & Benefits

- » *NIKSUN NetXperts™ - Expert analysis and troubleshooting*
- » *NIKSUN AI highlights important information and metrics*
- » *NIKSUN NetSLM™ - Real-time network QoS/SLA monitoring*
- » *Compatible with external event management system*
- » *NIKSUN NetReporter™ - Flexible network reporting*
- » *Effective executive reporting*
- » *NIKSUN NetMulticast™ - Multicast network performance monitoring & troubleshooting*
- » *IGMP and PIM Analytics*
- » *NIKSUN NetRTX™ - Real-time network performance monitoring Xperts*

### Increase the Power

NIKSUN® Solution Modules greatly increase the power and benefits of investments in NetVCR® and NetDetector® appliances. These optional, easy-to-use add-on software modules are designed to scale for multiple network topologies and environments. NIKSUN's modular software architecture further extends solution capabilities and provides a fully integrated platform, capable of performance monitoring, security, VoIP, finance reporting, troubleshooting, and compliance. NIKSUN's service-oriented platform offers the maximum return on investment compared to other solutions by reducing overall infrastructure costs while also minimizing mean-time-to-resolution (MTTR) and ensuring the continuity of critical business services. All of NIKSUN's monitoring add-on modules are integrated and fully scalable to satisfy all your business needs.

### NIKSUN NetXperts™

#### Expert Analysis and Troubleshooting

- » Non-intrusive, powerful, and fast solution for performance and security troubleshooting.
- » NIKSUN AI highlights important information and metrics to quickly identify security or performance issues in the network traffic.
- » Additional Expert Dashboards are available based on the platform:
  - DNS Data Exfiltration
  - ICMP Data Exfiltration
  - Experts – Network vs Web Application Weight
  - DNS Performance
  - Web Performance
  - Database Performance
  - SMB IFS Performance
  - LDAP Performance
  - Modbus Performance
  - BGP Analytics
  - DHCP Performance
  - ARP Performance
- » Automated analysis, including sensitivity analysis using easy parameter variation, enables users to find and fix performance issues.
- » Schedule multiple Xperts together and automate reports in preferred formats for troubleshooting and incident reporting.

## NIKSUN NetSLM™

### Real-time Network QoS and SLA Monitoring

- » Generate SLA or QoS alerts on application or network response times, retransmissions, utilization, bit rate, service levels, and more.
- » 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 NetReporter™ (Report Scheduler)

### Flexible Network Reporting

- » Schedule any report available on the system on an hourly, daily, weekly, or monthly basis.
- » Access reports directly from the NIKSUN UI.
- » Publish reports to FTP servers and/or SCP servers.
- » Send reports to management for review via email.
- » Reports are available as PDF, CSV, or PNG files.

## NIKSUN Multicast™

### Multicast Performance Monitoring and Troubleshooting

- » Monitors and troubleshoots multicast traffic on access, distribution, and core layers.
- » Insightful analysis of multicast applications, traffic, and protocols with out of the box reports such as IGMP and PIM Analytics.
- » Alert on utilization levels (including transient spikes), retransmits, QoS levels, and more.
- » Reports enable long-term trending and capacity planning.
- » Reachability analysis tools test end-to-end reachability, path delay, active source, active groups, and more.

## NIKSUN NetRTX™

### Real-time Network Performance Monitoring Xperts

- » Powerful, real-time content expert and alerting enables users to quickly resolve network and application problems.
- » From NIKSUN Events report, identify high-level events and drill down for root cause analysis.
- » Alerts (SNMP traps or Syslog/CEF) can be exported to existing external event management systems.

## NIKSUN TCP Performance™

### Network and Application Performance Analytics

- » NIKSUN's TCP Performance add on brings network and application performance analytics for all clients and servers to your NIKSUN physical or virtual appliance.
- » It offers rich metrics like Network Latency that examines the time it takes for the network to deliver packets and Response Time, which is the time it takes the server to start responding to client requests.
- » Other analytics and metrics include data retransmitted, header bytes, data bytes, TCP flags, and many more.
- » TCP Performance also adds dedicated dashboards such as Performance Overview, Anomalous TCP Sessions, QoS Posture, and others to help keep your network and applications operating at peak efficiency.

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### Interested in learning more?

For more information, please visit us online at [niksun.com](http://niksun.com).



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