

# Gain a Holistic End-to-end View of Network Performance



**By integrating together, NIKSUN and ITRS help firms achieve optimal network performance, health and connectivity, allowing a meaningful end-to-end visibility across all critical systems**

## **Joint Solution Benefits**

- » *Display NIKSUN events and health status on your Geneos Dashboards*
- » *Reduce number of large anomaly conference bridges with each team looking at a separate monitoring product*
- » *Maintain consistent high availability of both Networks and Applications*
- » *Out of the box integration with Geneos for quick time to value*
- » *Drill back functionality into NIKSUN NetVCR for in-depth analysis from any event*

## **The Challenge**

Financial institutions know when their network is disrupted but do they know how the network behavior impacts the application performance and the other elements of their system? Firms need to understand how their technology is performing to be confident that they are ready to trade and fully support order flows, which is vital.

Financial services industry reports indicate that the cost of application outages in the financial services sector typically range from \$100k to over \$2m per hourly outage.

In order to increase service availability, anticipate service outages, reduce risk of downtime and reduce operational costs, firms need to utilize the correct tools to help them provide the best experience possible of both internal and external customers.

## **The Solution**

By providing powerful, advanced real-time network, service and application performance monitoring, NIKSUN helps firms achieve optimal network performance, health and connectivity. In parallel, ITRS Geneos provides meaningful end-to-end visibility across all critical systems allowing firms to monitor and manage business applications.

By integrating together, critical NIKSUN events are sent to Geneos for display in real-time and aggregation with other Geneos events. Bidirectional communication between the NIKSUN appliance and Geneos gateways allow for events to be posted in real time and drill back to the appliance to aid root cause analysis. This product alliance allows operational teams to proactively identify network performance impacts by having an end-to-end view in real-time and to correlate metrics across infrastructure, network, middleware, databases, business applications and transactions.

Further, for users who are interested in the correlation between events sent from various systems and impact on network performance, a simple right click on Geneos gives them access a detailed network traffic usage/IP analysis view on the NIKSUN NetVCR at any time.



## Integrated Products

### NIKSUN NetVCR: Proactive Network, Service and Application Monitoring

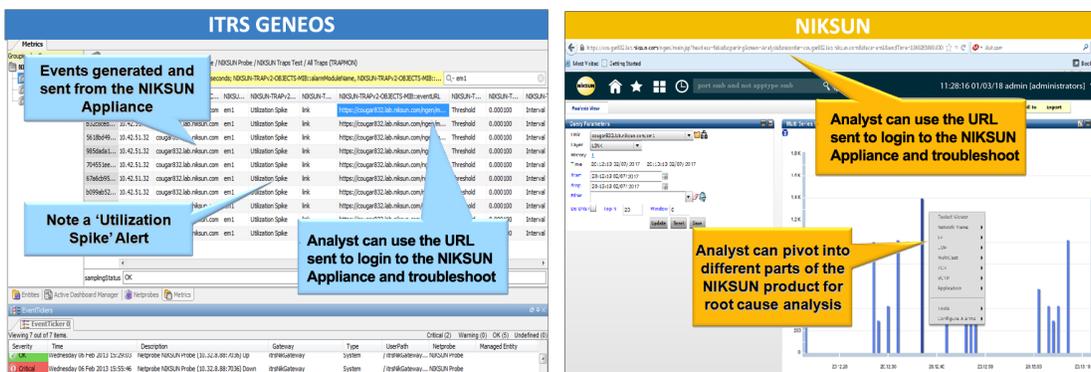
NIKSUN's NetVCR is the world's first full-function appliance for advanced real-time network, service and application performance monitoring. It intelligently integrates vital management functions into a single scalable architecture to facilitate:

- » Proactive end-to-end SLA/QoS monitoring and surveillance
- » Continuous, interactive analysis from link to application with multi-timescale analysis
- » Real-time and historical expert auto analysis
- » Multi timescale ad-hoc and scheduled reporting (sub-milliseconds to months)

### ITRS Geneos: A unified view across your trading technologies and business applications

Sophisticated business operations rely on multiple operating systems, network connectivity and servers to form the vital infrastructure in order to deliver robust middleware platforms and applications. Every element of this complex structure needs to be understood if your operations teams are going to be certain that they are ready for the start of the trading day. Geneos provides a combined and actionable view of technology health and performance across all elements, including operating systems, networks, files and processes, as well as Simple Network Management Protocol (SNMP).

## Diagram



### About NIKSUN

NIKSUN is the recognized worldwide leader in making the unknown known. NIKSUN's award-winning appliances deliver unprecedented flexibility and packet capture power. The company's real-time analysis and recording technology is the industry's most comprehensive solution for secure and reliable network infrastructure and services. NIKSUN's solutions are deployed with more than 1,000 enterprise customers including Fortune 500 firms in over 30 countries spanning large multi-national companies, governments and intelligence agencies, service providers, and financial services companies. For more information visit [niksun.com](http://niksun.com).

### About ITRS

ITRS Group provides real-time monitoring and management software for financial markets, delivering a powerful real-time, end-to-end view of health, performance and capacity of vital financial markets systems. With over 15 years of financial markets experience, we deliver solutions without extensive customization and ongoing development, ensuring prompt time-to-market and return on investment to 60 leading financial institutions including investment banks, exchanges and trading venues, hedge funds, brokers and data vendors from our offices in London, New York and Hong Kong. For more information, visit [www.itrsgroup.com](http://www.itrsgroup.com) or email [information@itrsgroup.com](mailto:information@itrsgroup.com).