



Company Overview

NIKSUN at a Glance

Founded: 1997

Mission Statement: *To create technology that enables our customers to build a secure and robust global network infrastructure.*

World Headquarters: Princeton, New Jersey, USA

Customers: *Over a thousand including Fortune 500 companies, government agencies, and service providers.*

Trusted by the U.S. Government

The U.S. Defense Information Systems Agency (DISA) and the U.S. Department of Defense (DoD) chose NIKSUN to be their primary provider for NIKSUN's zero-loss full packet capture capability at speeds up to and exceeding 100 Gbps. NIKSUN is also compliance with the Security Technical Implementation Guide (STIG).

NIKSUN NikOS Everest and a number of key NIKSUN products such as Supreme Eagle, NetDetector, and NetOmni have been placed on the Department of Defense (DoD) Unified Capabilities (UC) Approved Products List (APL) list. The conferring of this UC APL status validates that NIKSUN's NikOS Everest cyber security products are tested and approved for use in government operational networks. In addition, NIKSUN NetDetector, NetVCR, and NetOmni are certified by Common Criteria.

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Company Overview

NIKSUN® delivers the most powerful, scalable, and cost-effective cyber security and network performance appliances in the world. Designed specifically for large-scale network monitoring, NIKSUN continues to revolutionize the network performance and security monitoring industry. Along with its flagship products NetDetector®, NetDetectorLive™, NetVCR® and NetOmni™ NIKSUN offers virtual solutions and innovative software that address the latest industry trends. Consistently recognized with awards for over a decade by independent industry watch organizations such as SC Magazine and Frost & Sullivan, NIKSUN is the only network-wide performance and security monitoring company that provides organizations with the power to instantly Know the Unknown®.

Market Need

Today's networks have become essential lifelines. These networks provide connectivity for critical infrastructure management tools that monitor and control corporate businesses, electric power grids, oil pipelines, water systems, and other essential services; as well as a path for financial transactions that are the lifeblood of the global economy.

However, because of the underlying structure and complexity of these networks, they are vulnerable to malicious activity, as we see daily in the headlines. Cyber attacks have evolved from simple denial-of-service attacks that make sites unavailable, to theft of valuable information including that of critical proprietary files and personal data, to weapons in undeclared wars. Organized criminals, hackers, and feuding countries use increasingly sophisticated cyber attacks as a method to disrupt or harm a perceived enemy. The emergence of Big Data, the Internet of Things (IoT), Machine-to-Machine (M2M) communications, and cloud computing has created huge volumes of data, a wider variety of traffic types, increased velocity, and expanding variability; all of which has complicated the landscape. NIKSUN addresses this problem by monitoring all data flowing across the network, deploying its patented deep packet inspection techniques to accurately recognize, classify and analyze all network applications, sessions, and content. Prioritized alarms are sent as soon as anomalies or threshold breaches are detected. Metadata is created in real-time on all content – including email, chat, file transfers, and web – and is made immediately available for real-time investigation and problem resolution. Finally, all packets can be stored for deep forensic analysis.

The NIKSUN Story: Know the Unknown

Today's increasing network complexity, growing obfuscation techniques, and exploding multimedia traffic volumes are exposing a host of serious problems: denial-of-service attacks, zero-day exploits, targeted malware, ransomware, Advanced Persistent Threats (APTs), and service level disruptions. In particular, the nature and frequency of cyber attacks are fundamentally changing the cyber security landscape. High profile attacks are now constantly occurring on an unprecedented scale and with extraordinary sophistication.

The single biggest challenge in solving these problems is gaining actionable insight on the dizzying array of unknowns associated with each security attack or performance issue. Founded in 1997, NIKSUN has revolutionized the network monitoring and security industry by delivering a radical approach to analyze network traffic. NIKSUN appliances record, store, and inspect all "data in motion" that traverses the network. NIKSUN invented groundbreaking technology that is used to oversee large, complicated network environments. Using the "camera on the network" approach not only records the data, but provides intelligent, proactive real-time monitoring to detect attacks and report on any data that degrades the reliability, availability and integrity of network applications, services and underlying infrastructure. All of this unique technology is deployed on a single appliance.

NIKSUN's state-of-the-art network mapping and measurement models provide immediate identification of network application and security anomalies, performance irregularities, policy compliance violations, data exfiltration, and security breaches. A powerful deep packet forensic analytics engine and indexed NIKSUN Network Knowledge Warehouse (NKW) facilitates determination of the severity of any incident. Real-time alarms and threshold notifications are triggered to significantly reduce the time required to resolve anomalous network events, and identify security weak points.

NIKSUN's solutions reduce the total cost of ownership of network and security tools, improve organizational network continuity, facilitate risk assessment of sensitive information, and boost policy compliance initiatives for internal and external mandates.

Partnerships

NIKSUN's solutions are in high demand, especially as real-time and high bandwidth applications become more prevalent. To address a growing market, NIKSUN has developed partnerships with industry-leading network solutions providers such as Cisco Systems, VMWare, Juniper, Microsoft, HP, Oracle, AWS, McAfee, and IBM.

Sales Offices

NIKSUN has sales offices in major cities throughout the United States, the United Kingdom, India and Japan, with distributors throughout North America, Europe, the Middle East, the Caribbean and Latin America, Africa, and Asia-Pacific.

Interested in learning more?

For more information, please visit us online at niksun.com.



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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 government & intelligence agencies, service providers, financial services companies, and large enterprises such as retailers and manufacturers. 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 Middle East, and Asia-Pacific.

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