

NIKSUN’s Holistic Solutions

Designed with practicality in mind, you never have to choose between security and performance. From a single, unified console, simply select from pre-defined or customized dashboards, alarms, and reports to hone in on the data that is important to you. Unified intelligence enables greater operator visibility into LTE and IMS infrastructure for tightly integrated performance and security monitoring.

NetMobility’s centralized management allows you to generate, collaborate, analyze, and deliver reports for various organizational needs. As a collaborative platform, NIKSUN NetMobility accelerates diagnosis of complex patterns and triaging of threats on both user and control planes, to correctly identify bad actors or network throttle points. NetMobility’s flexible and customizable alerting intelligence delivers real-time detection and notification to enable effective investigation and remediation of these security threats and attacks.

Scaling to traffic rates beyond 100 Gbps on a single platform, NetMobility is ideal for non-intrusive monitoring in carrier class operations. NIKSUN NetMobility delivers comprehensive security and performance monitoring to meet the challenges of modern carrier grade deployment scenarios. It is always ready with subscriber, application, and network intelligence for smarter monitoring of your next-generation networks.

The resultant outcome is an overall insight into service providers’ objectives while simultaneously satisfying growing customer expectations. NetMobility gives Network Operations Center (NOC) analysts awareness of subscribers’ QoE to preemptively identify “hot spots” in the network. Based on application demands, the operator can plan for changing trends in their networks or quickly drill-down to identify the cause of potential issues. NetMobility can assess and correlate “Cause Codes” that are returned by the network to relate caller experience with network events – granting visibility and true insight into signaling and application data.

NetMobility is offered in the following package options:

Features	NetMobility- EPC	NetMobility- IMS	NetMobility- IMS and EPC
Diameter- AAA, Billing, Accounting	●	●	●
GTPv2c - Tunneling Control Messages	●		●
GTP-U – Extract and Analyze Tunneled data	●	●	●
SIP VoIP Signaling		●	●
RTP VoIP Media QoS			●

Technical Information

Monitoring Support - VoLTE & data traffic, EPC & IMS, S1-U, SGi, S1-MME, S11, S5, S8, S6a, s6b, Gx, Gm, Mw, Cx, Rf, SIP, RTP and more. CDMA2000: A10, A11, A12, RADIUS, and more.

Standards Compatibility - All major standards including 3GPP 3GPP2, IETF and ETSI

Integration: Authentication - TACACS+, RADIUS, LDAP and Active Directory. All NIKSUN products integrate with NIKSUN NetOmni™ Full Suite for enterprise-wide data aggregation, reporting and visualization.

Package Availability - NetMobility is available as an optional package on NIKSUN NetVCR® and NetDetector® products.

Interested in learning more?

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



457 North Harrison St. • 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

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