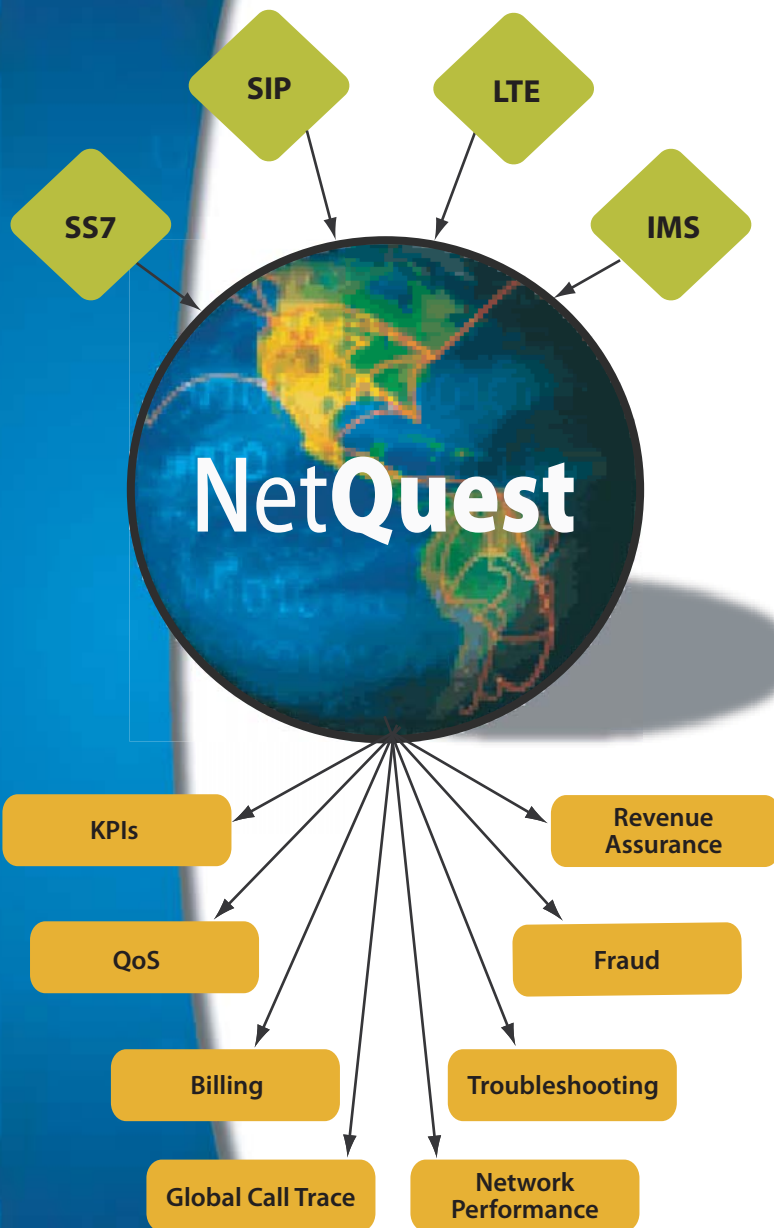


NetQuest

Maximum Profitability & Quality of Service for Wireless/Wireline and NGN Networks



The NetQuest Advantage

Maximum profitability and Quality of Service is achieved from a comprehensive suite of applications which compose NetQuest. Non-intrusively monitoring **Diameter, SS7/C7/SIGTRAN, LTE, IMS and SIP** signaling networks, NetQuest, in a "unified" manner, generates reports and the industry's most accurate call detail records for billing maximization, trouble isolation and diagnosing the health of your network.

Dramatic Return On Investment

Commissioning and managing advanced "**Converged Networks**" requires powerful, economical solutions to measure and solve QoS, billing, performance, security and interoperability issues. Tekno's NetQuest provides such needed capabilities through a set of functionalities that tell the complete network story from traditional PSTN through SIP/IMS and LTE/Diameter.

NetQuest decodes and correlates complex protocols over high-speed signaling links and IP networks into "real-time" accurate CDRs and generates business intelligence network information easily interpreted and accessible by all departments to manage the entire network and increase return on investment. No other system offers as complete end-to-end network visibility.

Key Features

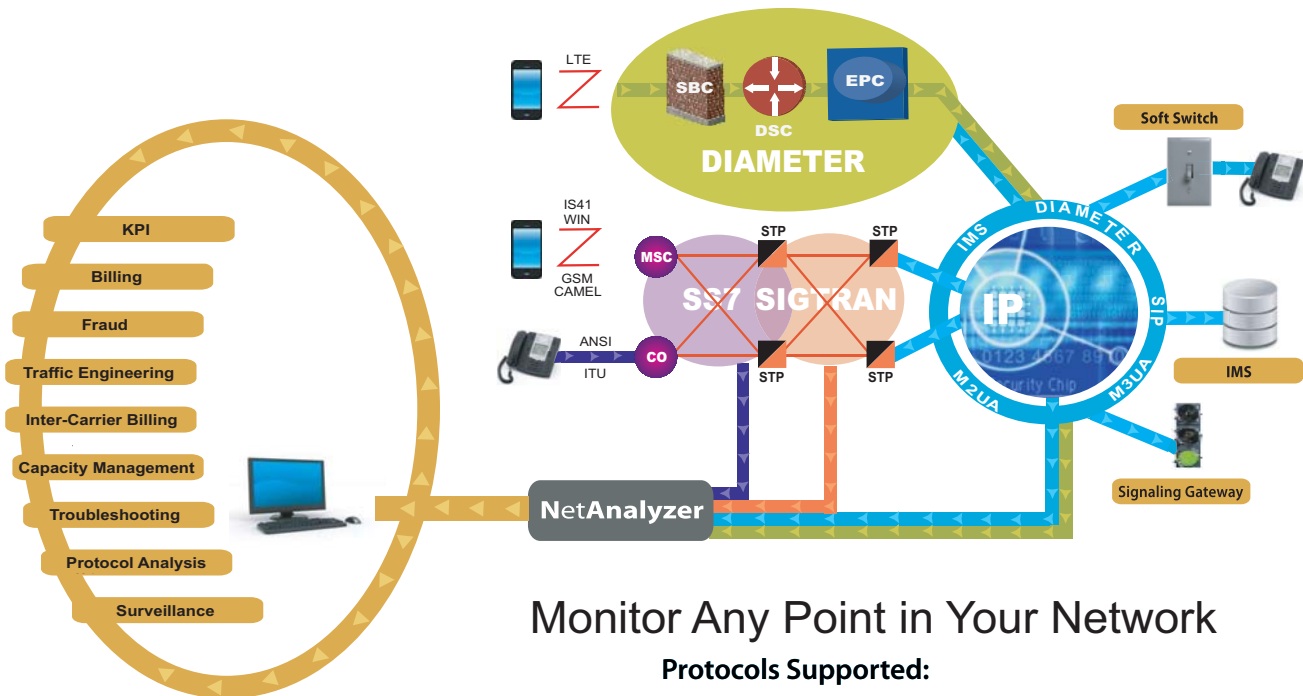
- **KPIs: Key Performance Indicators**
- Revenue Assurance
- Automated Troubleshooting
- Global Call Trace
- Advanced Protocol Analysis
- **Inter-Carrier Billing**
- Quality of Service Measurements
- **Fraud Prevention Systems**
- Total Network Knowledge
- Flexible OSS Integration
- Trunk & Link Forecasting
- Surveillance & Alarming
- SNMP OSS Interface

TEKNO TELECOM, L.L.C.

www.teknotelecom.com

NetQuest Process

NetQuest is at the forefront of SS7, SIP, SIGTRAN, VOIP, LTE and IMS network monitoring. Carriers utilizing NetQuest are empowered to **Monitor, Measure, Manage and Monetize** network information into knowledge that effectuates progress to solve vexing, revenue effecting and customer-related network issues. Armed with this knowledge, NetQuest customers can communicate this information accurately with their network element vendors, interconnect partners, and internal (engineering/billing/marketing) departments.



Monitor Any Point in Your Network

Protocols Supported:

- SS7
- SIGTRAN
- SIP
- GSM
- M2PA
- DIAMETER
- IS-41
- M3UA
- IMS
- CAMEL
- SUA
- H.248

NetQuest Applications

NetQuest's patented probe architecture provides the interfacing to the network for decoding MSUs/Packets with **correlation** and generation of call detail records (CDR/SDR/xDR) for communication to NetQuest's and Host/3rd party applications. Incredibly accurate real-time call detail records and information packets generated from NetQuest's probes provide the data for downstream applications focused on actual billing, billing verification, fraud prevention, network optimization, forecasting, etc. KPI user-defined thresholding, trending and SNMP trap emails/alarming allow for automated alerts to situations that may negatively impact a carrier ideally before a serious issue occurs.

NetQuest proactively and automatically analyzes each call/session transaction across multiple signaling topologies into final dispositions to instantly trap failures for troubleshooting and generate longer term network performance/QoS/statistical summaries and KPI Metrics.

NetQuest's easy-to-use Graphical and Web-Based User interfaces permits instant Call Trace, Protocol Analysis, and scheduling canned or custom statistical report generation to provide visibility, analysis and knowledge of what is occurring in your network to multiple simultaneous users/departments.

NetQuest provides a seamless migration path for installation, testing, commissioning and continued management of networks. NetQuest's Network and Business Intelligence applications are a converged solution source that carriers can rely on to solve issues and dramatically improve revenue streams. It provides an integrated network management and revenue/network assurance solution for today's and tomorrow's wireless, next-generation, and wireline telephony networks. Advanced telephony requires advanced network management! NetQuest is the answer.

About **TEKNO TELECOM, L.L.C.**

Tekno Telecom LLC develops and manufactures Converged Network Monitoring Applications and CDR/xDR Generation Solutions for wireless, wireline and next-generation carriers on a worldwide basis. Over 45 years of experience has produced patented industry leading, highly reliable systems that meet carriers' growing needs for profit enhancing knowledge regarding their networks.

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