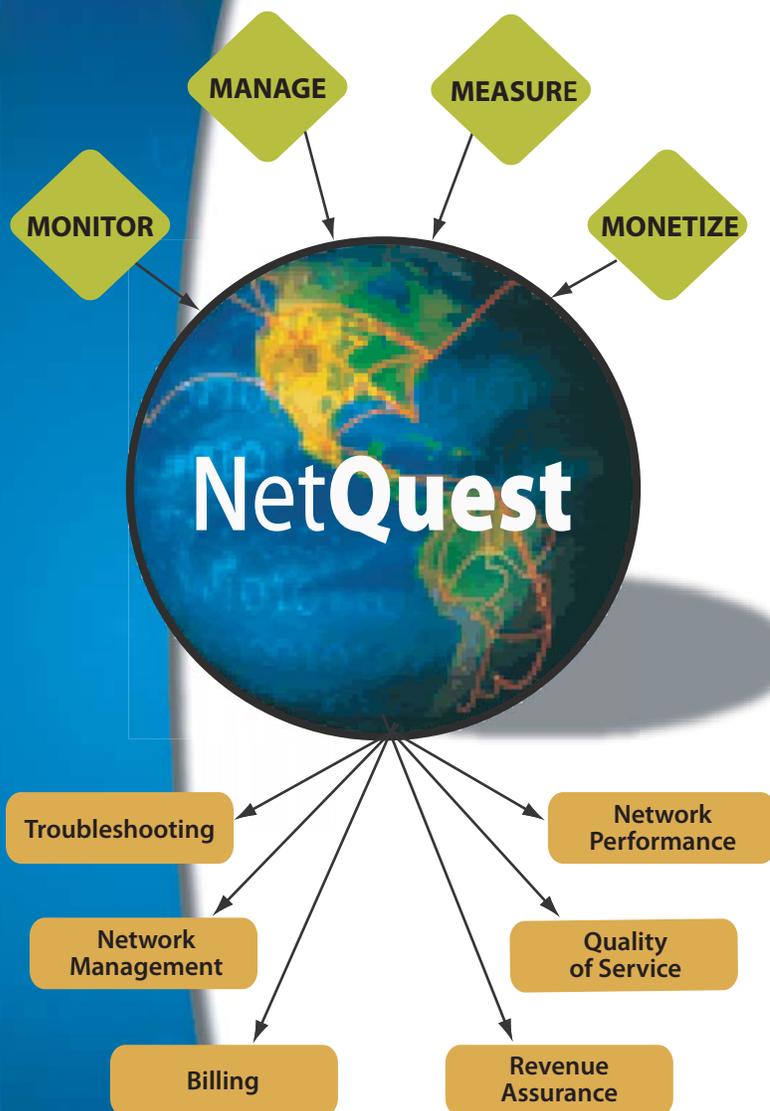


NetQuest - LTE

Performance Monitoring for the Ultimate Customer Experience



The Problem

As use of smart phones and tablets continue to rise, the services offered by the wireless network Carriers such as inter-active gaming, mobile bill payments, mobile broadband and streaming services are constantly taxing the Carriers' networks.

Carriers need to be able to monitor their LTE Evolved Packet Core (EPC) network and its associated protocols (IMS, DIAMETER, and H.248), as well as their legacy switches (SS7, GSM, and IMS). Tekno's network monitoring system (NetQuest) ensures the Carriers' customers with the quality of service and highly-reliable bandwidth they have come to expect.

The Solution

Tekno's NetQuest system, the NetAnalyzer and its downstream applications, will give the Carriers a holistic and end-to-end view of their networks by capturing data to put into a variety of formats such as reports, graphs, xDRs and KPIs from several different technologies (legacy, converged, or any migrations taking place). In addition, Tekno's NetQuest system is not only reliable but also user-friendly and scalable.

Tekno's LTE network monitoring system, the NetAnalyzer, can proactively perform early warning detections and alert the Carriers of any potential problems before its customers are impacted.

NetAnalyzer's real-time alarming and reporting mechanisms now provide the Carriers with the means to properly and profitably manage their network.

Key Benefits

- Effective Troubleshooting (Network / Cell / Session)
- Quality of Service Measurements
- Powerful Protocol Analysis Tool
- Capacity Management
- Surveillance and Alarming
- Revenue Assurance
- Handles Various Interfaces and Architectures
- Manages Converged Networks
(Legacy and LTE Technologies)
- Fraud Prevention

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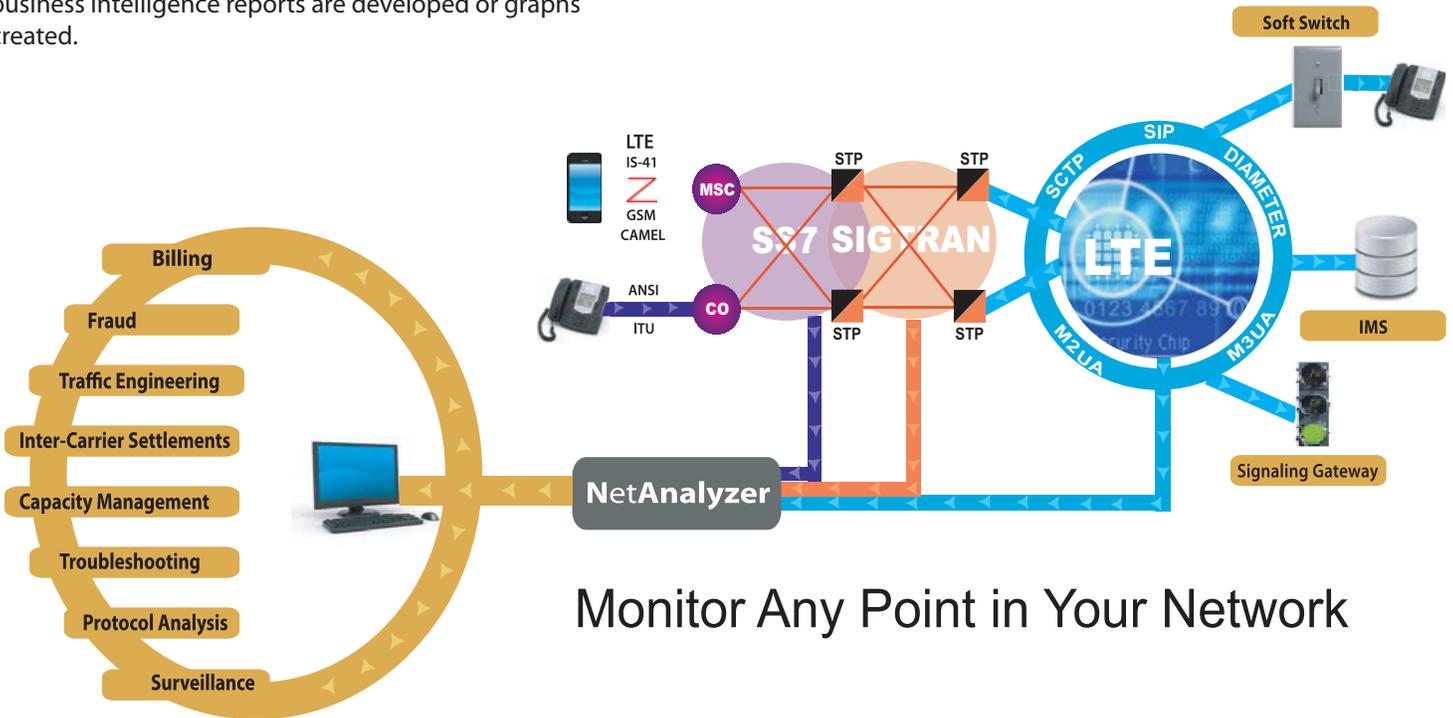
www.teknotelecom.com

The Process

Tekno Telecom's LTE network monitor can connect to many interfaces. Once connected, it can collect, count and decode every MSU and packet by various protocols.

Collected MSUs and packets are then correlated into datablocks, filtered and assigned a disposition. Each datablock is transformed into a user-defined CDR format and sent to downstream applications where business intelligence reports are developed or graphs created.

Tekno's applications also allow you to build filters (in real-time) and store them for future use. The valuable data that is generated can provide solutions for network optimization, fraud, billing, protocol analysis, maintenance, surveillance and can also be shared with network vendors, inter-connect partners and various departments within the company.



Monitor Any Point in Your Network

Protocols Supported:

- LTE
- WIN
- IS-41
- SS7
- DIAMETER
- SCTP
- IN
- AIN
- IP
- GSM
- H.248
- CAMEL
- IMS
- SIP
- TCP

The Conclusion

By utilizing Tekno's LTE network monitoring tool, the NetQuest system, the world's LTE Carriers will be able to pre-determine problems and stay ahead of their markets. Tekno can provide the best measuring techniques to manage any Carriers' network in an end-to-end manner. Carriers can confidently provide their customers with the quality of service and the heightened bandwidth their customers expect and enjoy.

More importantly, Tekno's LTE network monitor, the NetAnalyzer, can help to monetize the Carriers' network by providing a constant, reliable revenue stream to increase their profits.

Contact

For more information about Tekno's LTE network monitor contact Sales at 630-579-9800, Ext 234, or send an Email to ussales@teknotelecom.com.

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

Tekno Telecom LLC develops and manufactures Converged Network Monitoring Applications and CDR/xDR Generation Solutions for wireline, wireless and next-generation carriers on a worldwide basis. Over 40 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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