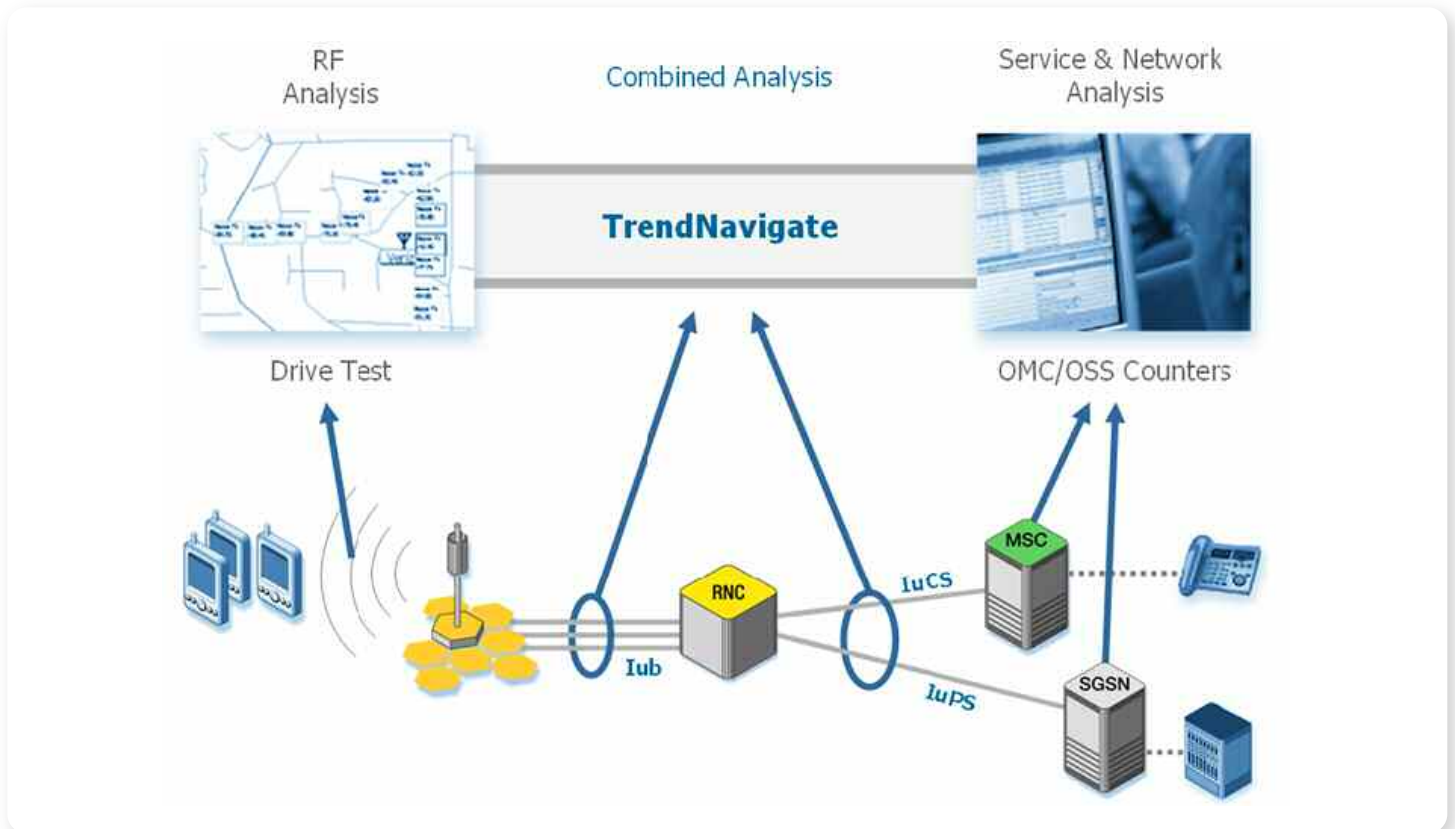


TrendNavigate™

The True Definition of Network Optimization for 3G Networks



Overview

Turn Data into Actionable Information

TrendNavigate is a comprehensive and powerful 3G Network Optimization tool that merges data from multiple network interfaces to enable efficient network optimization. Many data sources provide huge amounts of data, but little possibility for correlation without this powerful tool. TrendNavigate provides users with the ability to identify potential problem areas and immediately perform root cause analysis. Specifically, TrendNavigate is a Key Performance Indicators (KPI) trend analysis tool that can improve UMTS Radio Access Network (UTRAN) performance optimization by providing high-level statistical analysis combined with seamless drill-down to detailed root cause analysis. It enables users to prioritize their activities, quickly identify trends and issues, identify where issues originate and their causes, and provide actionable information. In addition to its numerous QoS benefits, TrendNavigate further enables economies-of-scale by running on the Tektronix Network and Service Analyzer (NSA) solution hardware.

TrendNavigate:

- ▶ Protect Your Investment
- ▶ Powerful Integrated Tools
- ▶ Independent Benchmarking
- ▶ Unbiased Analysis
- ▶ Focus on cells, calls and sessions
- ▶ Locate and Solve Problems Faster

Specifications

Recommended PC Requirements		
	Portable PC	Desktop PC
Processor:	Pentium Core Duo 1.7 GHz	Pentium Core 2 Duo 2.33 GHz CPU
RAM:	2 GB RAM	2 GB RAM
Harddisc	5400 rpm SATA HD	7200 rpm SATA HD (or RAID system)
Operating System	Windows XP Pro	Windows XP Professional

Recommended Platforms

K15 Interface/Masurement Application Boards

The K15 is a monitoring solution for mobile network testing, based on a high performance transportable platform equipped with real-time powerful troubleshooting applications and designed to handle the demanding high performance requirements of mobile networks.

- ▶ PCE-2 Board – Can mount up to 2 LIF
- ▶ STM-1/OC-3 LIF – Interfaces up to 2 STM-1/OC-3
- ▶ bi-directional optical links
- ▶ E1/DS1 ATM LIF - Interfaces up to 4 E1/DS1 ATM line interfaces

K18 Probe

Flexibility, Scalability, Performances: The New Adaptable, High Performance Probe for Testing Mobile Networks.

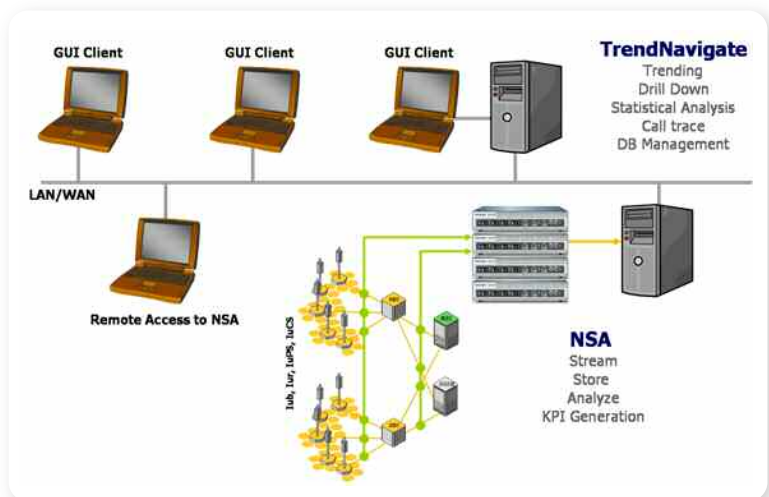
- ▶ STM-1/OC-3 – 4 x STM-1 receiver ports – SC connector
- ▶ GbE – 4 x RJ45 (electrical for 100/1000 Mb/s) or 4 x flexible SFP modules (RJ45 electrical, LC 1300 nm optical, SC 850 nm optical)

NSA (Network & Service Analyzer)

NSA is a suite of software applications for troubleshooting and optimization of mobile networks and services. It is designed to support the K18 and K15 platforms.



TrendNavigate Dashboard



TrendNavigate Product Structure

Tektronix' Communications Business Division -

Next-Generation Network Innovation

Tektronix' Communications Business enables the world's largest network operators and equipment manufacturers to design, build, test, deploy and manage current and advanced communication networks.

With the convergence of voice, data and video into the latest generation IP multi-service mobile and fixed networks, the requirements for monitoring and testing networks and their elements are becoming more complex every day. Leveraging a 60-year heritage of enabling innovation, Tektronix empowers network operators and equipment manufacturers to lead the way toward fixed mobile convergence, broadband wireless access and triple play services by supporting current and advanced protocols, applications and architectures, such as IP Multimedia Subsystems (IMS), 3G wireless, WiMAX and IPTV.

As a result of our dedication to innovation, as well as our customers, Tektronix' systems manage more than 30 percent of the world's calls, and our network diagnostic and performance monitoring solutions are installed in 110 carrier networks in 43 countries.

For Further Information

Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology.

Please visit www.tektronix.com

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Enabling Innovation