



Drive-Test Analysis. Simplified.

VISUALIZE

Xeus provides best-in-class engineering visualization based on the MapInfo platform. With Xeus, users can import mobile network data in many formats to view their GSM/WCDMA networks complete with cell parameters. With its easy to access Network tree and Map View synchronization, users can rapidly access and view their entire network.

For essential terrain mapping and 3D mapping, Xeus incorporates Google Earth directly to support advanced RF analysis.

With Xeus Pro also, users can import drive-test data from either TEMS or NEMO. Xeus is designed to rapidly import, post-process, and geographically bin RF Scanner and UE measurements to support cluster drive-test tuning and area optimization projects.

ANALYZE

With Xeus Pro's Analysis Toolbox, users can analyze co-Scrambling Code or co-channel issues and neighbor lists within the Map View. Drive Test Plots such as Best Server and Cell Coverage and Events can also be rapidly viewed with the Toolbox control.

With Xeus Pro's Workbench feature, all dropped and blocked calls are detected in the source data and listed for further analysis. Using state engine classification, all drops and blocks are tagged with appropriate reasons for pre-analysis and optimization efficiency.

Xeus Pro's Smart Optimization features such as Missing Neighbor analysis and Swapped Antenna Analysis, users are provided smart algorithms that are only usually provided in expert systems. With these algorithms, even novice users are able to rapidly analyze and optimize any GSM/WCDMA network.

OPTIMIZE

With Xeus' Action Plan Creator, any action to change a parameter, add or edit a neighbor or parameter is recorded by Xeus and listed in the Action History window. Once all changes are recorded, users can then export these changes to Microsoft Excel™ either for the creation of command scripts or as Change Requests for optimization.

KPI Reporting is also a cinch with Xeus. Full KPI drive-test reports for both GSM and WCDMA are produced automatically once the data is loaded into Xeus.

XEUS can be used in a variety of network optimization scenarios. Here are a few examples:

Daily Optimization

With Xeus Standard, site data can be imported from a cel file and parameter data from the Switch. Co-channel (GSM) and co-SC (WCDMA) analysis can then be carried out as simple analysis checks for day-to-day work. In Ericsson systems, Xeus Standard can carry out a complete consistency check on each BSC with its in-built consistency check feature.

Cluster Tuning

Xeus Pro with its powerful drive-test post-processing can be used by all engineers to perform area optimization (GSM) or Cluster Tuning (WCDMA). Xeus Pro can rapidly process TEMS FMT and NEMO XML log-files. Once processed, KPI Reports can be created automatically. Cluster Tuning analysis can be carried out with Xeus Pro's Smart Optimization features and Analysis Toolbox. Once changes are identified, they can be exported as a Change Request via Xeus' Action Plan Creator feature.

Choose an Aexio XEUS solution that suits you. It is available in the following variants:

Features	LITE	Standard	Pro
Network Visualization in Map & Network tree	X	X	X
Channel, Code and Neighbor Finder including IRAT Neighbors	X	X	X
Multi technology and multi-band support	X	X	X
Network import from TEMS Cel File, Ericsson GSM & WCDMA Network Dump	X	X	X
Integrated Google Earth Map	X	X	X
Action Plan Creator tracks changes and produces change report		X	X
Ericsson BSC Excel Report with consistency checks		X	X
Cell Parameter View for Ericsson BSC		X	X
Cell Configuration Editor and add/remove Neighbor & Site		X	X
Network KPI Statistics import via flat file input for plotting in MapInfo and Google Earth. Support for viewing statistics trend charts and worst performance charts.		X	X
Drive Test Post-processing and analysis			X
TEMS FMT and NEMO log file support			X
RF Measurement Binning			X
Event State engine			X
Drive Test KPI Reports			X
Customizable reports using Crystal Report			X
Layer 3 Messages & Detail View			X
Analysis Workbench for Dropped and Blocked Calls			X
Missing Neighbor and Swapped Antenna detection			X
Drive Test Plotting, Event and Serving cell, Neighbor and Active Set line in Google Earth Map			X
Smart Event Diagnostics on Dropped Calls. Immediately after importing logs, Xeus internal algorithms perform root cause analysis on L3 messages prior to any abnormal events.			X
Python Scripting Support—User can script the diagnostic logic using the new Script Editor view.			X
Online Support		X	X
Telephone Support		X	X

System Requirements:

Components	Requirements
Computer and Processor	Pentium class PC, 500 MHz or higher
Memory	512 MB RAM or higher
Hard disk	Min 500 MB
VGA Card	8 MB and above
Operating System	Windows 2000 Professional, Windows XP Professional SP2, Windows Vista 32-bit
Software Pre-requisites	MapInfo Professional version 7.8 or higher, Microsoft .NET Framework version 2.0

Contact Us:

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