



SOLUTION SHEET OPTIMIZATION

TOOLS FOR EVERY STAGE
OF THE NETWORK LIFECYCLE

Networks are in a constant state of evolution, and require continual optimization, troubleshooting and fine-tuning. Our optimization solution offers tools for every stage of the network lifecycle: from on-site troubleshooting and maintenance indoors or out to collecting QoS/QoE metrics for network verification through drive or walk testing. All products produce files in the open ASCII Nemo File Format, making troubleshooting and analysis easy and immediate, using Nemo Analyze or third-party post-processing tools.



NEMO

A single laptop solution for network optimization

Nemo Outdoor is a laptop-based drive test tool which supports over 220 terminals and scanning receivers from various vendors and all major network technologies.

Nemo Outdoor forms a centralized solution for extensive network measurement, troubleshooting and optimization. A single software platform plus modularity means easy tailorability, enabling you to tailor the product precisely to your needs. Nemo Outdoor's powerful software platform works for all technologies and for different protocol and application testing options, giving a consistent look and feel. It's also the only portable measurement solution that offers multiple simultaneous data connection measurements, and runs on a single laptop. Nemo Outdoor also offers tools for various troubleshooting tasks. With a test terminal and/or a scanner you can perform real-time missing neighbor detection, pilot pollution analysis, and GSM interference analysis.



Quality seen in a whole new light



Nemo Invex is an evolutionary chassis-based benchmarking solution which combines powerful intuitive software and rugged hardware design to create superior drive-test systems for wireless networks. Nemo Invex is optimal for extensive, large-scale measurements. Its expandable, modular structure supports not only drive testing, but also QoS, QoE, and benchmarking measurements on every standard network technology and on multiple simultaneous data connections. Nemo Invex is flexible and scalable, enabling it to keep pace with an evolving network while providing the lowest overall total cost of ownership.

Nemo Invex hardware is based on military grade design to ensure uninterrupted operation in harsh field conditions (MIL-810), yet it offers you the lowest power consumption and total cost of ownership available.

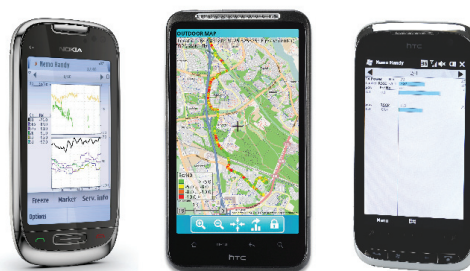
Today's technologies with seamless updates for future standards

Nemo FSR1 is a revolutionary, modular digital scanning receiver that provides accurate, reliable high-speed RF measurements of wireless networks across multiple bands and technologies. It supports measurements on LTE, WCDMA, HSDPA, GSM, CDMA, and EVDO networks. Unique plug-in RF down converters make the scanner field-upgradeable, dramatically reducing service turnaround times, boosting productivity and cutting total cost of ownership.



Network measurement and troubleshooting on the go

The Nemo Handy product family offers smart and discrete solutions for thorough and advanced measurements on the wireless air interface of LTE, EGSM, GPRS, EDGE, WCDMA, HSDPA, HSUPA, and Wi-Fi 802.11b/g wireless networks and mobile application QoS/QoE. It comprises of a variety of smartphone-based tools supporting the Symbian, Windows Mobile and Android operating systems. Powerful individually, they combine to form the Nemo Multi Handy solution: the most portable and cost-effective multi-measurement solution available, enabling synchronized testing with up to seven terminals.



Nemo Handy measurement data provides you with a complete and detailed picture of the radio interface and the quality of the tested applications. The detailed and comprehensive radio interface data recorded with Nemo Handy is optimal for network planning, roll-out, tuning, verification, optimization, and maintenance. The Nemo Handy product family provides an ideal solution also for indoor measurements to answer the needs of busy business hubs where optimal indoor coverage is needed.

Continuous stream of up-to-date measurement data



Nemo Autonomous performs automated large-scale air interface measurements. A single user can monitor and control hundreds, even thousands, of fixed and mobile probes from a single location, enabling rapid response to network problems and drastic improvements in network service.

The Nemo Autonomous system enables extensive, continuous data collection, providing you with an end-user perspective from the field and a realistic overview of the network. In addition, Nemo Autonomous enables continuous monitoring of hot spots such as office buildings, concerts, festivals, and sports events sites. Furthermore, the effects of network upgrades can be evaluated by gathering real KPIs through benchmarking.

Nemo Autonomous has been designed to fully integrate the best-in-class post-processing capabilities of Nemo Analyze, enabling, for example, full automation of the entire data processing chain from field to a complete report.

Scalability from desktop to enterprise level

Nemo Analyze is a highly efficient and fully scalable analysis tool for benchmarking, automated troubleshooting, and statistical reporting based on drive test data. It offers a comprehensive set of technology-specific Key Performance Indicators for the latest wireless technologies and cutting-edge, time-synchronized multi-page workbooks. Nemo Analyze supports all the major network technologies, including LTE, HSPA+, and CDMA. Integrating Nemo Analyze with other Nemo tools provides a perfect solution for accurate network measurements, and allows you to automate the entire data processing chain from drive tests to analysis results.



COMPREHENSIVE OPTIMIZATION SOLUTION

