Nemo WindCatcher

Industry-Leading Drive Test Data Post-Processing and Analysis

Nemo WindCatcher from Keysight Technologies, Inc. is the industry-leading, desktop-based drive test data post-processing tool for radio access network analysis used by design engineers, performance engineers, handset testing groups, and technology development groups.

Nemo WindCatcher is a vendor-neutral, multi-data, multi-wireless access technology solution that provides the most comprehensive solution available in the market. It supports a wide range of data inputs, including 5G NR, and all major data collection tools on the market, and it is optimized for heterogeneous test environments and processes.

Features

- Supports 5G NR
- Supports all major collection tools currently on the market
- Easy-to-use, versatile
- Load large amounts of data files with a single click
- Process large volumes of drive and/or walk test data with ease
- Client Server provides a centralized data repository
- Multi-core processing functionality increases data output speed and reduces wait times
- Merge multiple devices and data sets to create large data sets
- Designed for the optimization, acceptance, and benchmarking of new technologies and high-speed data networks
- Client Server automates key drive test use cases, such as acceptance, benchmarking, optimization, and monitoring
Support for All Major Data Collection Tools

Nemo WindCatcher can be used for the analysis of outdoor macro sites as well as for indoor (DAS/small cells) wireless coverage and performance. Nemo WindCatcher is intuitive and easy-to-use and customers will realize immediate improvements and efficiency gains.

5G NR beams can be visualized on a 3D map to detect the attenuation of buildings and trees on the signal level and to evaluate beam width and coverage in real life.

Flexible In-Depth Analysis and Automation

Analyze large amounts of drive test data with Nemo WindCatcher to enhance customer experience through effective and efficient network optimization, new technology roll-out, and troubleshooting. Deploy new technologies, such as 5G NR, LTE, LTE-A and VoLTE, using the advanced analytics in Nemo WindCatcher. Device manufacturers can use Nemo WindCatcher to modify the functionality of their devices for use in different network conditions.

Nemo WindCatcher also provides an efficient method for validating and testing multi-floor indoor venues, such as stadiums and airports, using a purpose-built project manager feature. Use Nemo WindCatcher to verify DAS implementation and generate reports for the commissioning of venues.

Nemo WindCatcher offers significant time saving with advanced automated features, including a single-click option to load large amounts of data files and multi-core processing functionality for faster data output and shorter wait times. Processed data sets can be appended and merged when more drive test data is collected eliminating the need for reprocessing data. Nemo WindCatcher Client Server automates key drive test use cases, such as acceptance, benchmarking, optimization, and monitoring, by deploying an automation server to work with multiple clients.

Learn more at: www.keysight.com

For more information on Keysight Technologies’ products, applications or services, please contact your local Keysight office. The complete list is available at: www.keysight.com/find/contactus