Q&A (from customers) for Nemo File Format

What is happening?	Keysight's Nemo Wireless Solutions is **ENCRYPTING logfiles from its Nemo branded collection and benchmarking products**
What is the impact?	Logfiles recorded with Nemo collection and benchmarking tools are **encrypted** if the SW version of the tool is one of the following: • Nemo Outdoor v8.50 and beyond • Nemo Invex II v8.5x and beyond • Nemo Handy v3.80 and beyond • Nemo Walker Air v3.80 and beyond • Nemo Autonomous Probe (under roadmap, TBD) Logfiles remain open ASCII (non-encrypted) regardless of the tool SW version when the **Customer will set the option "Do not ecnrypt the log-file"**.
How to post-process the Nemo logfiles?	The encrypted logfiles can be opened with Nemo Outdoor playback (v8.50 and beyond), Nemo Analyze (v8.30 and beyond), and Nemo Windcatcher (3.6.9.0 and beyond). In addition, Keysight is licensing an API (Nemo Decryption SDK) with fair terms to 3rd party post processing vendors and to strategic key customers to process the encrypted files. *This is subject to NWS business management approvals.*

Why file format from Nemo measurement solutions is encrypted?

Keysight is making significant investments in providing chipset-agnostic device data collection in terms of both R&D investment, and 3rd party license fees. The Nemo log files are therefore encrypted in order to protect this investment.

Furthermore, as a growing number of companies are subcontracting the measurement of wireless networks from service providers, by encrypting the measurements, we are giving our customers the tools to ensure the integrity of the measurement results (uncompromised measurement data).

Keysight is also fighting security and piracy of our Nemo data collection and benchmarking tools and we are limiting the access to the content of the encrypted measurement date and hindering un-authorized usage of the Nemo file format by any un-authorized party.

Keysight is committed to the drive test ecosystem and will continue to support 3rd party post-processing tool vendors by offering to license a Nemo decryption SDK to decrypt the files with fair commercial terms.

FROM WHERE CAN I GET MORE INFORMATION

Please contact your local Nemo sales representative.

NEMO PRODUCT TIMELINES

Nemo Outdoor version 8.50 onwards encrypts the measurement data

- From late March 2019

Nemo Handy version 3.80 onwards encrypts the measurement data

- Estimated availability late April 2019

Nemo Invex II

- Estimated availability ~2-3 weeks after Nemo Outdoor 8.50 release

Nemo Intelligent Device Interface

- Follows Nemo Outdoor and Nemo Invex II support roadmap, depending which product it is used with

Nemo Autonomous Probe is under roadmap

- Estimated availability TBC.

Nemo Walker Air

- Follows Nemo Handy 3.80 roadmap

Nemo Customer Experience Manager (CEM) will not encrypt measurement data

Nemo Analyze version 8.30 onwards reads the encrypted measurement data

- Will be released ~2-3 weeks after Nemo Outdoor 8.50 release (estimated availability end of Mid-April 2019)

Nemo WindCatcher version 3.6.9.0 onwards reads the encrypted measurement data

- Estimated availability early April 2019

Nemo Xynergy version 19.2 onwards supports and reads the encrypted measurement data

- Estimated availability mid July 2019