

Release Note for TEMS™ Investigation 27.1

Release Date: 05 Jun 2025

New Features

- **Android 15** is now supported on:
 - Samsung S23 & S24
 - OnePlus 11 & 12
 - Xiaomi 13 & 14
 - Xperia V & VI
- **NR ARFCN Lock:** Devices with TEMS or commercial firmware based on the Qualcomm X65 chipset and newer can now be controlled using the NR ARFCN Lock or NR ARFCN + PCI Lock.
- **1024QAM Modulation** is now Supported for NR & LTE on Qualcomm based devices
- **GPS Trail layer:** It is now possible to export the GPS trail from the Map layer, and then import it at later occasion. This feature also gives the Route Finder utility enhanced functionality, making it possible to export the GPS trail from multiple logfiles (*.trp), into one single, or multiple, files, making it even more flexible.

Improvements

- **Scanning Updates:**
 - TEMS Investigation 27.1 is tested with the following scanner FW versions:
 - IB/HBFlex: 3.13.2.0
 - Gflex: 7.0.2.0 (beta)
 - Un-channelized NR band support for NR Signal Scan, it requires the 5G NR Superband (0x7700) option. This option allows users to scan any NR frequency for FR1.
 - Equipment time stamping using system time on PCTEL scanners
 - Satellite Compensated NTN LTE Option on PCTEL scanners
- **Information Elements:**
 - *New:* Serving Cell Power Max IE for LTE TxPower control parameters
 - *New:* UE Power Class IE for LTE TxPower control parameters
 - OTT Media now shows the application name
 - iPerf Session now includes Identity information
- **Events:**
 - *New:* NR RRC B1 and NR RRC B2 measurement events, for inter-system reporting of LTE or WCDMA neighbors
 - Call index is now included in VOIP events (VOIP Combined Lost Packets, VOIP End, VOIP Error, VOIP Lost Packets Count During Handover, VOIP Start)

- **Regional License update:** The regions for licenses has been updated. Please contact Infovista Sales for details.

✓ Bug Fixes

- 00555520: TDAB EpsServingCellEutraNrDualConnectivitySupport Issue
- 00560563: 2G RLC Throughput not reported properly in TI 26.2.3
- 00562332: Missing FirstNet test results during outage
- 00563330: License control center synchronization issue
- 00565217: Cell Name identification from TD for 5G

● Removed and Deprecated Features

- Opticom announced End-of-life for PEVQ-S, according to the following time plan:
 - June 2025: End of Sales
 - Sept. 2025: End of Support and Maintenance
 - April 2026: End of Life (Terminate)

An alternative video streaming quality testing solution is Infovista VSQI, please contact Infovista Sales for more information.

⚠ Known Issues

- **Multi-SIM:**
 - There are no tags in the Activities summary indicating which SIM slot was used during the testing when opening a logfile. Replay the logfile to get the full information.
 - Frequent toggling of SIM controls might impact the Presentation View.
 - Route Finder, Route Utility, Export Tool, and HTML Generator do not support Multi-SIM.

✈ Upgrade Instructions

To upgrade to TEMS™ Investigation version 27.1 from version 27.0, follow these steps:

1. Launch TEMS Investigation 27.0.
2. The software will search for available updates and notify you if an update is available.
3. Follow the on-screen instructions to complete the upgrade process.

🔧 Support

For any issues, questions, or feedback, please get in touch with our support team at the [Support Portal](#).

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