TEMS Discovery Device 11.1.2

Release Note

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Release date: March 11th 2016

2   Supported Measurement Formats

- TEMS Investigation versions 7.0 up to 17.2
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- TEMS Pocket versions 6.0 up to 15.4
- TEMS Symphony Suite up to version 7.7
- TEMS Monitor Master trace files up to version 10.3.3
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- Rohde & Schwarz ROMES up to file format version 4.84 limited to TS995X, GSM_MOBILE, WCDMA_MOBILE, LTE_MOBILE and DQA data frames
- JSDU E6474A 16.1
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3   Supported Operating Systems

- Microsoft Windows 7
- Microsoft Windows 8
- Microsoft Windows 10 **(NEW)**
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012 R2
- Microsoft SQL Enterprise 2008 R2
- Microsoft SQL Server 2012 Enterprise
- Microsoft SQL Server 2012 Standard
- Microsoft .NET Framework 4.6 **(NEW)**

* Additional SQL information: During installation collation must be set to SQL_Latin1_General_CP1_CI_AS

*** VC++ 2008 SP1 Redistributable\vcredist_x86.exe and VC++ 2008 SP1 Redistributable\vcredist_x64.exe needs to be installed to support the latest version of GlobalMapperInterface.dll*

*** To install TEMS Discovery software double click on Setup.exe file.*

4   Supported Virtual Machines

- Hyper-V
- WMware
- Xen

5 Selected New Features

v11.1.1 updates

- Custom Metric and Condition Expression scripts may be pre-selected in metric import configuration for execution in data import phase

Reporting updates

- Batch Print feature improvements (support for indoor map mode, support for UDR filtering, support for MS Word and Power Point format output, improved mapping and formatting options) (SR000218366)

- Map View zoom selection (SR000178618)

Pre-defined report updates

- 'Social Media KPI Report' added (including Facebook and Instagram events and metrics)

- 'YouTube Streaming KPI Report' updated (including support for 'Streaming PEVQ-S Instantaneous MOS')

- Pre-defined measurement reports organized into folders for easier navigation

- Editable version of 'VoLTE KPI Report Extended' provided under Demo reports for additional customization

Pre-defined script updates

- LTE_Neighbor_Count pre-defined script for reporting the number of LTE neighbor cells added

- LTE_MCS_Index_Average pre-defined script for calculation of average LTE MCS Index added

Data Explorer updates

- Time-Series Chart zoom options added (SR000201111)

- New cell configuration display options added (SR000223601)

- 'Spider Move' data point selection by keyboard (SR000216950)

- Map View offset option between events and measurements (SR000172484)

Data export updates

- Map View image save options added (SR000222153)

- Google KML export improvements (metric labeling added)

Data Format updates

- NEMO SIP and RTP decoding added with built-in support for all TEMS Discovery VoLTE Engineering and Analytics reporting options

- 'WiFi Scan Results by BSSID' per unique SSID class of data frames added (SR000215960)

- Support for IBflex CW scan measurements added

- Probe meta information added (test probe name, version, serial number and tags automatically saved as device attributes) (SR000199484)

- New TEMS information elements added:

  o Call Domain
    · Caller Identity

  o Data Service Streaming (Youtube)
    · Streaming PEVQ-S Instantaneous MOS

  o Instagram
    · Instagram Logoff Ratio
    · Instagram Logon Ratio
    · Instagram Operation Update Ratio

  o HS UL Block Error Statistics
    · HS UL E-DCH Throughput Carrier 1 (kbps)
    · HS UL E-DCH Throughput Carrier 2 (kbps)
    · HS UL E-DCH Serving Cell Count

  o HSDPA Throughput
    · HS-DSCH Throughput Carrier 1 (kbps)
    · HS-DSCH Throughput Carrier 2 (kbps)
    · HS-DSCH Throughput Total (kbps)
    · HS-DSCH Serving Cell Count

  o IBflex CW Scan
    · Frequency (Hz)
    · Start Frequency (Hz)
    · Band
    · RSSI (dBm)

  o Instagram
    · Instagram Logoff Success Ratio
    · Instagram Logon Success Ratio
    · Instagram Operation Update Ratio

  o LTE Cell Scan - All EARFCNs
    · Sc Macro Ingress
    · Sc Small Cell Indication
    · Sc Cell Zone

  o LTE CQI Summary
    · CQI CW 0 Carrier 1
    · CQI CW 0 Carrier 2
    · CQI CW 0 Carrier 3
    · CQI CW 1 Carrier 1
    · CQI CW 1 Carrier 2
    · CQI CW 1 Carrier 3
    · CQI CW 0 Average Carrier 3
    · CQI CW 1 Average Carrier 3

- · CQI Rank 1 CW 0 Carrier 3
- · CQI Rank 1 CW 0 Average Carrier 3
- · CQI Rank 2 CW 0 Carrier 3
- · CQI Rank 2 CW 0 Average Carrier 3RI Feedback
- · Rank 1 Feedback Percentage
- · Rank 2 Feedback Percentage
- · PMI Feedback
- o LTE eMBMS
  - · MCCH Configured
  - · eMBMS Area Type
  - · PMCH Decoding Success Rate
  - · PMCH Received Transport Blocks
- o LTE Modulation PDSCH (CA)
  - · PDSCH MCS C1 TB0
  - · PDSCH MCS C1 TB1
  - · PDSCH MCS C2 TB0
  - · PDSCH MCS C2 TB1
  - · PDSCH MCS C3 TB0
  - · PDSCH MCS C3 TB1
  - · PDSCH Modulation C1 TB0
  - · PDSCH Modulation C1 TB1
  - · PDSCH Modulation C2 TB0
  - · PDSCH Modulation C2 TB1
  - · PDSCH Modulation C3 TB0
  - · PDSCH Modulation C3 TB1
- o LTE NAS Bearer Information
  - · Bearer Associated DRB
- o LTE PHY Throughput PDSCH Per Carrier
  - · PDSCH Phy Throughput Carrier 3 (kbps)
- o LTE Resource Blocks – PDSCH
  - · Number of PDSCH Resource Blocks Carrier 3
  - · PDSCH Resource Block Allocation Carrier 3 (%)
  - · PDSCH Resource Block Allocation Count Carrier 3
- o LTE Serving Cell Identities
  - · Frequency Band (text)
  - · Frequency Band Carrier 2 (text)
  - · Frequency Band Carrier 3 (text)
  - · DL Frequency Carrier 3 (MHz)
  - · DL EARFCN Carrier 3
  - · DL Bandwidth Carrier 3 (text)
- o LTE Serving Cell Signal Quality
  - · Serving RSSI Carrier 3 (dBm)
  - · RS SINR Carrier 3 (dB)
  - · Serving Cell DL Pathloss Carrier 3 (dB)
  - · Serving Cell SINR-PDSCH Carrier 3 (dB)
- o LTE Serving/Intra-Freq Neighbor Cells
  - · Small Cell Indication

- · Serving Cell Small Cell Indication
- · Secondary Serving Cell 1 Small Cell Indication
- · Secondary Serving Cell 2 Small Cell Indication
- · Neighbor Cell Small Cell Indication: N1
- · Neighbor Cell Small Cell Indication: N2
- · Neighbor Cell Small Cell Indication: N3
- · Neighbor Cell Small Cell Indication: N4
- · Neighbor Cell Small Cell Indication: N5
- · Neighbor Cell Small Cell Indication: N6
- · Neighbor Cell Small Cell Indication: N7
- · Neighbor Cell Small Cell Indication: N8
- · Cell Zone
- · Serving Cell Zone
- · Secondary Serving Cell 1 Zone
- · Secondary Serving Cell 2 Zone
- · Neighbor Cell Zone: N1
- · Neighbor Cell Zone: N2
- · Neighbor Cell Zone: N3
- · Neighbor Cell Zone: N4
- · Neighbor Cell Zone: N5
- · Neighbor Cell Zone: N6
- · Neighbor Cell Zone: N7
- · Neighbor Cell Zone: N8
- · Secondary Serving Cell 2 Identity
- · Secondary Serving Cell 2 DL EARFCN
- · Secondary Serving Cell 2 Frequency Band
- · Secondary Serving Cell 2 Channel RSSI (dBm)
- · Secondary Serving Cell 2 RSRP (dBm)
- · Secondary Serving Cell 2 RSRP Tx1 Rx1 (dBm)
- · Secondary Serving Cell 2 RSRP Tx2 Rx1 (dBm)
- · Secondary Serving Cell 2 RSRP Tx1 Rx2 (dBm)
- · Secondary Serving Cell 2 RSRP Tx2 Rx2 (dBm)
- · Secondary Serving Cell 2 RSRQ (dB)
- · Secondary Serving Cell 2 RSRQ Tx1 Rx1 (dB)
- · Secondary Serving Cell 2 RSRQ Tx2 Rx1 (dB)
- · Secondary Serving Cell 2 RSRQ Tx1 Rx2 (dB)
- · Secondary Serving Cell 2 RSRQ Tx2 Rx2 (dB)
- · Secondary Serving Cell 2 Name
- · Secondary Serving Cell 2 Distance (m)
- o LTE PDCP Throughput DL Per QCI
  - · PDCP DL Throughput (per QCI ID)
- o LTE PDCP Throughput UL Per QCI
  - · PDCP UL Throughput (per QCI ID)
- o LTE PDSCH Transmission Distribution
  - · PDSCH Transport Block Count Carrier 1
  - · PDSCH Transport Block Count Carrier 2
  - · PDSCH Transport Block Count Carrier 3
  - · PDSCH TTI Allocation Count Carrier 3
- o RTP Integrity*

- · RTP Stream Corrected Loss Ratio Downlink
- · RTP Stream Uncorrected Loss Ratio Downlink
- · RTP Stream Discard Ratio Downlink
- · RTP Stream Packet To Packet Delay Variation Downlink
- · RTP Stream Video Absolute MOS-V Downlink
- · RTP Stream Video Relative MOS-V Downlink
- · RTP Stream Video Bandwidth Downlink
- · RTP Stream Video Codec Downlink
- · RTP Stream Video Frame Rate Downlink
- · RTP Stream Video Frame Height Downlink
- · RTP Stream Video Frame Width Downlink
- · RTP Stream Video Packets Corrected Ratio Downlink
- · RTP Stream Video Packets Discarded Ratio Downlink
- · RTP Stream Video Packets Lost Ratio Downlink
- · RTP Stream Video Instantaneous Absolute MOS-V Downlink
- · RTP Stream Video Instantaneous Relative MOS-V Downlink
- · RTP Stream Video Below Threshold Absolute MOS Ratio Downlink
- · RTP Stream Video Below Threshold Relative MOS Ratio Downlink
- · RTP Stream Video Absolute MOS-V Uplink
- · RTP Stream Video Relative MOS-V Uplink
- · RTP Stream Video Bandwidth Uplink
- · RTP Stream Video Codec Uplink
- · RTP Stream Video Below Threshold Absolute MOS Ratio Uplink
- · RTP Stream Video Below Threshold Relative MOS Ratio Uplink
- · RTP Stream Video Frame Height Uplink
- · RTP Stream Video Frame Rate Uplink
- · RTP Stream Video Frame Width Uplink
- · RTP Stream Video Instantaneous Absolute MOS-V Uplink
- · RTP Stream Video Instantaneous Relative MOS-V Uplink

* All previously existing RTP Stream information elements have been redesigned to accommodate downlink/uplink separation. Enum values and/or names have changed in certain instances.

- o Twitter
  - · Twitter Logoff Success Ratio
  - · Twitter Logon Success Ratio
  - · Twitter Operation Update Ratio

- o Video Call
  - · Video Call State

- o WCDMA Cell Measurements
  - · Ranked Small Cell Indication
  - · Ranked Cell Zone
  - · Categorized Small Cell Indication:A1
  - · Categorized Small Cell Indication:A2
  - · Categorized Small Cell Indication:A3
  - · Categorized Small Cell Indication:A4
  - · Categorized Small Cell Indication:A5
  - · Categorized Small Cell Indication:A6
  - · Categorized Small Cell Indication:M1
  - · Categorized Small Cell Indication:M2

- · Categorized Small Cell Indication:M3
- · Categorized Small Cell Indication:M4
- · Categorized Small Cell Indication:M5
- · Categorized Small Cell Indication:M6
- · Categorized Small Cell Indication:D1
- · Categorized Small Cell Indication:D2
- · Categorized Small Cell Indication:D3
- · Categorized Small Cell Indication:D4
- · Categorized Small Cell Indication:D5
- · Categorized Small Cell Indication:D6
- · Categorized Cell Zone:A1
- · Categorized Cell Zone:A2
- · Categorized Cell Zone:A3
- · Categorized Cell Zone:A4
- · Categorized Cell Zone:A5
- · Categorized Cell Zone:A6
- · Categorized Cell Zone:M1
- · Categorized Cell Zone:M2
- · Categorized Cell Zone:M3
- · Categorized Cell Zone:M4
- · Categorized Cell Zone:M5
- · Categorized Cell Zone:M6
- · Categorized Cell Zone:D1
- · Categorized Cell Zone:D2
- · Categorized Cell Zone:D3
- · Categorized Cell Zone:D4
- · Categorized Cell Zone:D5
- · Categorized Cell Zone:D6
  - o WCDMA PSC Scanning Sort by Ec/Io - All UARFCNs
    - · Sc MCC
    - · Sc MNC
    - · Sc RRC Cell Identity
    - · Sc Small Cell Indication
    - · Sc Cell Zone
    - · Sc Cell Macro Ingress (dB)

- New TEMS events added:

  - o TEMS_Collectors_Events

    - · Call Attempt CSFB Retry
    - · Call Statistics
    - · eMBMS Bearer Activated
    - · eMBMS Bearer Deactivated
    - · Instagram Logoff Attempt
    - · Instagram Logoff Duration
    - · Instagram Logoff End
    - · Instagram Logoff Error
    - · Instagram Logoff Start
    - · Instagram Logon Attempt
    - · Instagram Logon Duration

- · Instagram Logon End
- · Instagram Logon Error
- · Instagram Logon Start
- · Instagram Operation Attempt
- · Instagram Operation Duration
- · Instagram Operation End
- · Instagram Operation Error
- · Instagram Operation Start
- · PDCP Session Average Throughput Downlink
- · PDCP Session Average Throughput Uplink
- · Streaming Quality PEVQ-S
- · Twitter Logoff Attempt
- · Twitter Logoff Duration
- · Twitter Logoff End
- · Twitter Logoff Error
- · Twitter Logoff Start
- · Twitter Logon Attempt
- · Twitter Logon Duration
- · Twitter Logon End
- · Twitter Logon Error
- · Twitter Logon Start
- · Twitter Operation Attempt
- · Twitter Operation Duration
- · Twitter Operation End
- · Twitter Operation Error
- · Twitter Operation Start

- New TEMS event based metrics added:

  o TEMS_Service_KPIs

    - · Facebook_Logoff_Duration_sec
    - · Facebook_Logoff_Error_Cause
    - · Facebook_Logoff_Failure_Ratio
    - · Facebook_Logoff_RAT
    - · Facebook_Logon_Duration_sec
    - · Facebook_Logon_Error_Cause
    - · Facebook_Logon_Failure_Ratio
    - · Facebook_Logon_RAT
    - · Facebook_Operation
    - · Facebook_Operation_Duration_sec
    - · Facebook_Operation_Error_Cause
    - · Facebook_Operation_Failure_Ratio
    - · Facebook_Operation_RAT
    - · Instagram_Logoff_Duration_sec
    - · Instagram_Logoff_Error_Cause
    - · Instagram_Logoff_Failure_Ratio
    - · Instagram_Logoff_RAT
    - · Instagram_Logon_Duration_sec
    - · Instagram_Logon_Error_Cause
    - · Instagram_Logon_Failure_Ratio

- Instagram_Logon_RAT
- Instagram_Operation
- Instagram_Operation_Duration_sec
- Instagram_Operation_Error_Cause
- Instagram_Operation_Failure_Ratio
- Instagram_Operation_RAT
- SMS_Receive_Confirmation_Time
- SMS_Receive_Confirmation_Failure_Ratio
- SMS_Submit_to_Delivery_Report_Delay

6   Corrected Bugs (Selected)

v11.1.2

- o SR000220060: Number of PRBs allocated incorrect for NEMO logs when time binning used
- o SR000230804: 'PDP Context Activation' event not available in report output
- o SR000232588: 'SCCH Decode Success Rate (%)' reporting issues
- o SR000236163: Legend missing in report output for right & inside map selection
- o SR000237406, SR000238045, SR000238172, SR000238442: Scripts results not available in TDD composite dataset
- o SR000237551: Sample information view error with rectified Indoor Map in Outdoor Mode with online map on
- o SR000237637: Report errors for composite dataset including multiple rectified indoor logs
- o SR000238191: Data points skewed in 'Generate Image File' output
- o SR000238419: Log files missing after re-opening project

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- o SR000235062: VoLTE completion failure reporting issues
- o SR000235712: Consecutive_A3_Count data type overflow issue
- o SR000235847: Nemo log file importing issues
- o SR000236077: PCap file timestamps staggered
- o SR000236086, SR000236144: Map View unresponsive in absence of online map license
- o SR000236211: 'Call Quality' title corrected in 'VoLTE KPI Report' and 'VoLTE KPI Report Extended' report templates
- o SR000236916: Floor Print Rectifier unable to save rectification points
- o SR000237251: Batch printing won't execute on 11.1
- o SR000237252: TD 11.1 installer errors on 32bit system
- o SR000237280: 'LTE RRC Connection Dropped' reporting discrepancies
- o SR000237264: PCTEL LTE Wideband RSSI not supported for Msg Id 61/Protocol Id 820A

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- o SR000153062: Support for IMS RTCP from QC 0x156A log code added
- o SR000160952/SR000197794: ZK file importing issues
- o SR000191081: Lat/Long coordinates could not be displayed for TP logfile with embedded indoor floorplan

- SR000199064: HttpThroughputAverageFinal and HttpReceived out of range values reported
- SR000201114: [HTTP_Download_Mean_Data_Rate_kbps_Method_A] reports abnormal (>800Mbps) values
- SR000203720: Spider move feature disabled for LTE sites based on Atoll XML file
- SR000204911: Anritsu scanner data import issues corrected
- SR000206765: PDCP UL throughput reporing issues
- SR000206901: Missing Call Setup and Call Established events in TEMS_Collectors_Events
- SR000207254: Drop event not triggered in .rscmd file corrected
- SR000209193: LTE SMS reporting corrected
- SR000209194: RxQual plot band assignment issues
- SR000209918: VoLTE reporting issues corrected
- SR000210176: LTE CA combined PDSCH throughput reporting corrected
- SR000211020: 'Pilot Pollution Analyzer' reporting issues corrected
- SR000212430: The plots in the report do not fill the entire map area
- SR000212612: Cell configuration PCI reporting issues corrected
- SR000212922: Data point resolution is not updated after changing image resolution
- SR000213438: POLQA measurement categorization corrected
- SR000214050: Location reporting with time offset option corrected
- SR000215201: RACH AICH reporting corrected
- SR000215310, SR000215388: Benchmarking Report doesn't support both UL and DL FTP
- SR000215345: 'Num of neighbor cells' reporting issues
- SR000215367: Seehawk (PCTEL) data format updated
- SR000215771: Batch print output gets unwanted message printed across the data
- SR000215960: 'WiFi Scan Mean RSSI per SSID' data frame reporting issues resolved
- SR000216280: RSCP and RSRQ diversity metrics not populated
- SR000216456: 'Benchmarking HSDPA Statistics' built-in report template corrected
- SR000216558: Duplicate 'LTE Default EPS Bearer Activated' event reporting corrected
- SR000216562: Expanded Nemo cell reselection (CREL) event metrics
- SR000216663: CS_Start_to_Setup_OK_ms reporting issues corrected
- SR000216663: 'Statistic Data' measurement report type issues corrected
- SR000216794: RLC DL throughput reporting corrected

- o SR000217418: 'DL Bandwidth (text)' values incorrect in report output
- o SR000217650: PDSCH RB reporting issues resolved
- o SR000217689: Reporting issues when ran on composite indoor data
- o SR000218431: Device attribute assignment doesn't work as expected in TDE
- o SR000218509: GSM SI Type 2quater decoding issues corrected
- o SR000218763: GSM System Info Type 13 decoding issues
- o SR000218975: Blocked call reporting corrected
- o SR000218979: Ping reporting corrected
- o SR000220060: Nemo PRB allocation reporting corrected
- o SR000220174, SR000224314: 'X' displayed for all events in KML export
- o SR000221137: PUSCH RB reporting issues
- o SR000221373: PUSCH physical throughput reporting corrected
- o SR000221996: Unable to reverse Gray Scale for .tif background image
- o SR000222116: RSCP reporting issues corrected
- o SR000222160: CDMA Pilot Set Ec reporting issues corrected
- o SR000222329: Position of measurements on map not correct in PDF files
- o SR000222452, SR000224876: LTE serving/neighbor cell reporting corrected for NEMO log files
- o SR000222496: Anritsu scanner data format updated
- o SR000222770: HS-DSCH throughput reporting corrected
- o SR000222980: Export to PDF cuts the legend
- o SR000223424: LTE CA DL bandwidth and frequency reporting corrected
- o SR000223469: LTE CA physical throughput reporting corrected
- o SR000224528: Problem with RSRP reporting if geo binning is used
- o SR000224679: Discovery_Events LTE HO event reporting corrected
- o SR000224807: LTE serving/neighbor cell reporting corrected for SM G920V device
- o SR000225110: 'SpiderMove' feature doesn't work as expected with specific LTE cell site file
- o SR000225273: MapInfo exporting issues if geo binning is used
- o SR000225571: Cell reselection tab of SRVCC HO report has UMTS source information missing
- o SR000225918: VoLTE KPIs script issues corrected
- o SR000226134: Ping RTT reporting corrected for JDSU/Viavi (.aod) log files
- o SR000226135: FTP current throughput values reporting corrected for JDSU/Viavi (.aod) log files
- o SR000226463: Not all 'Agg. Active Ec/Io (dB)' measurements are displayed on the map

- SR000226468: Multi-dimension Statistic view reporting issues
- SR000226671: Discrepancy between PDSCH Phy Throughput (kbps) and Total PDCP DL Throughput reporting
- SR000227112 & SR000227234: LTE RRC signaling reporting corrected
- SR000227237: Issue with data collection start time and end time for TSS 7.7 logfiles
- SR000227259: Call block and drop events reporting corrected
- SR000227446 & SR000227447: WCDMA RRC signaling reporting corrected
- SR000227933: False call drops reoprted at normal call clearing
- SR000228105: Other_Party_logfilename filling in the cube needs to be revised
- SR000228376: Indoor data points and map do not line up
- SR000228389: PCTEL band 41 log file import not working
- SR000228508: Failed to open Word report after report generated in TDP-Flat File Mode
- SR000228509: Correlation of HTTP Browsing with FACH and DCH
- SR000228646/SR000228376: Floorprint orientation issues corrected
- SR000228938: 'SpiderMove' doesn't work as expected with specific WCDMA cell site file
- SR000229027: Missing data prior to handovers after import TI17.1.1 LTE log file
- SR000229754: LTE RRC connection counts missing
- SR000230182: RLC DL Throughput reporting issues corrected
- SR000230630: 'DL Bandwidth' and 'DL Frequency' reporting issues corrected
- SR000233017: CA throughput reporting issues if imported with time binning
- SR000234010: Missing 'Serving Cell RSRP' in TDD after importing Samsung S6 SM-G928A log file
- SR000234240: Error in GPS reporting for Anritsu scanner data
- TFS137239: LZM file import issue corrected
- TFS140204, TFS140455: LTE DCI information decoding updated for 0xB16C version 7
- TFS140599: SIP decoding special handling added for data collected with Samsuns S6 G920F
- TFS145025: Discovery_Events_Common table data type issue corrected

7 Known Bugs and Limitations

- 'Google Earth Standalone' feature removed in 11.1.0 due to incompatibility with Google earth plugin

- Support for TEMS Investigation log files with extension .log (version 13.x and older) is discontinued as of TD 10.0.8

- Support for Nokia devices is discontinued as of TD 10.0.8

- Nemo Handy generic format is not supported; Nemo Handy log files may be imported if converted to .nmf format in Nemo File Manager although indoor positioning data is lost during conversion

- 'TD top menu in Russian' feature is supported for 64-bit Windows OS only

- 'TDD Multipath Concurrency Module' feature is supported with HASP licensing in non-GLS build only

- Import of WAV files is no longer supported after switching from 32b to 64b version

- TEMS Pocket log files not including IP trace data will generate false Service setup failure event.

- Qualcomm LTE traces stored in QMD log files may not contain data for all LTE subframes so the throughput values calculated may not be correctly. It is strongly recommended to direct use "LTE Throughput from Data Collectors" for QMD log files

- SR00068616: Report cannot be generated completely if the template was last saved in Report Template Builder:
The third-party component used by TEMS Discovery Device is not fully compatible with *.xlsx files. Therefore, it is recommended that the user save a report template with MS Excel.

- Attempt of resizing TEMS Discovery Device window during the import of GIS data may cause the application to pause the GIS data import.

- RAN Tuning Reports may show blank fields if the IEs defined in the reports are not available from data sources.

- If YouTube testing is performed using HTTPS the some data is encrypted and all KPIs can not be calculated

- False Call Blocked event with type Unknown reported at times

- False Call End event instead of Call Dropped event is reported at times when radio bearer is lost

- TEMS Pocket 14.0 and 14.1 logfiles including time based HTTP and FTP service testing will not generate KPI events. File based HTTP and FTP service testing are not impacted of this limitation

- MT-MO call count mismatch due to a missing real 'Block Call' by RR (TCC)

- TDManagementConsole feature was removed in version 11.0.1

8   Contact Information

For customer support contact information, please visit our website:
www.ascom.com/networktesting