



Rubix Release Notes for 1.1.10

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Welcome to Release 1.1.10 of RANAdvisor Rubix. This document includes updates applicable to versions 1.1.10 and later and provides a list of addressed and known issues associated with this release.

User Documentation

Refer to the *Rubix Online Help*, accessed via the Rubix user interface, for information on operating Rubix.

Customer Support

If you need assistance or have questions related to the use of this product, go to the Customer Service Portal <http://www.viavisolutions.com/en/services-and-support/support/customer-portal>

- Submit, update, or check Technical Support requests
- Request RMA's and check orders
- Search our knowledge base

New Features

The new features introduced in this release are:

- RANScope Dashboard – new dashboard displaying:
 - Alerts Table – ability to define KPI thresholds to trigger alerts
 - Sequencer Table
 - Live UE RSRP
 - Live UE RSRQ
 - Live UE RXLEV
 - Live UE RXQUAL
 - Live UE RSCP
 - Live UE Pilot Energy
 - Live Call Control
 - Live Voice MOS
 - Measurement Tables for Live LTE, UMTS, GSM and CDMA KPIs
- Orbit Live Dashboard – new dashboard displaying:
 - Live phone info: Temperature
 - Orbit Live Alerts - define KPI thresholds to trigger alerts

- Orbit Dashboard – new dashboard displaying:
 - Battery Level
 - RSRP
 - Orbit Alerts – ability to define KPI thresholds to trigger alerts

- WiFi Dashboard – new dashboard displaying:
 - FTP Download Speed
 - FTP Upload Speed
 - HTTP Download Speed
 - PING Latency
 - RSSI
 - SSID Count
 - WiFi Metrics Table

- New dashboard widgets on main dashboard displaying:
 - LTE SINR
 - LTE RSRQ
 - RSSI
 - PUSCH Power
 - PUCCH Power
 - Ec/Io
 - RxQual
 - Ookla Ping Latency
 - Ookla Upload Speed
 - Ookla Download Speed
 - HTTP Upload Speed
 - HTTP Upload Page Duration
 - Call Metrics Table
 - Trace Route

- Print PDF feature – prints a pdf of everything displayed
- Automatic generation and emailing of reports
- Automatically produce and attach a CSV file to emailed PDF Reports
- Auto refresh dashboard feature
- Edit layout feature available on all dashboards – previously only available on the main dashboard
- Number of widgets displayed is limited in initial view

- Operators Colors – colors are automatically assigned to operators when they are detected in the log files. The same color is used in every dashboard and widget. Customizable from Settings button.
- Updated Licensing details and ability to send licensing details as email to Viavi Sales to renew/update License
- Filter Improvements
 - Widget filters are now a subset of the top level filters
 - Unknown value options are unchecked in filters as default
 - WiFi and Scanner data is identified in filters
- Ability to display indoor maps without IBwave file
- Ability to display average values on Column charts
- Configurable gap periods in Line Chart data
- Improved AOD file processing to determine technologies
- Ability to upload log files in zipped files

RANAdvisor Compatibility

- RANAdvisor (.AOD) – version 19.1-4
- RANAdvisor TrueSite (.AHD) – version 1.40.1

Issues Fixed in this Release

- Performance improvements
 - Parallel loading of log files
 - Data summarizers for Signal Strength KPIs

Known Issues in this Release

- Data is duplicated when uploading fragmented files and followed by a full file using TrueSite.
This does not affect the Rubix results for KPIs that are aggregated using average function (RSRP, RSRQ, PUCCH, etc), but the results that show counts (for example, Call Count or Number of Data tests) are doubled.
- VoLTE dashboard does not show call metrics from files collected with RANAdvisor. Call information can still be seen in the Main dashboard where calls are not filtered by Type=VoLTE.