

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: D100.58.64/66.00 Release Notes

PowerDB ver: 11.3.8.000

MRCT/MVCT/SPI Form Change: FORM CHANGE / DRIVER CHANGE

RTMS/MRCT/MVCT/Firmware Release Notes:

This document contains information on RTMS tool/template updates, new functionality, fixed issues, open issues, and workarounds. This document also addresses firmware-related changes. This release note has three sections:

Tool/Template Updates

This section provides an overview of new functionality in this release. Instructions for new functions are included where necessary.

Issues Addressed

This section describes the issues from previous releases that have been fixed in this release. The resolved issues, along with descriptions or workarounds, are included.

Open Issues

This section describes some known issues regarding the software DLL versions in this release. Where available, an alternate procedure is also provided. Our software and firmware development team investigates all of these issues.

NOTE: This release is to support FW 6.412 with SMRT/FREJA units. In this document, items labeled ITMS belong to MRCT/MVCT.

Example:

Issue 8: Line Sync does not work in the current firmware release.

The Line sync feature does not work with firmware version 6.276. It will be addressed in a future release.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: D100.58.64/66.00 Release Notes

PowerDB ver: 11.3.8.000

MRCT/MVCT/SPI Form Change: FORM CHANGE / DRIVER CHANGE

87989 RTMS FIRMWARE RELEASE INFORMATION

This Page Intentionally Left Blank

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Contents

RTMS DLL: D100.58.64/66.00 Release Notes	1
What is New	8
Issues Addressed PowerDB/RTMS/MRCT/MVCT	9
Issue 1: RTMS: Updated Firmware to 6.412	9
Issue 2: RTMS: “SEL Read Only” mode update	9
Issue 3: RTMS: Manual Ramp: Add multiplier to allow channels to be ramped at different rates	9
Issue 4: RTMS: Fault Calculator: Do not adjust Constant Source Z Angle for lead/lag/+180	9
Issue 5: RTMS: GenericFieldBased Table Editor: Fix crash caused by updating the designer too quickly	9
Issue 6: ITMS: Fix an issue with the onboard test screen scale	9
Issue 7: ITMS: Update the latest MVCT firmware revision	9
Issue 8: RTMS: Fix clearing waveforms/harmonics, setting all channels to	9
Issue 9: ITMS: Add new MRCT-X model	9
Issue 10: ITMS: Disable primary noise filtration	9
Issue 11: ITMS: Add a warning message on the connection diagram for the external lead connection.....	10
Issue 12: ITMS: Enable winding resistance test for basic CVT feature	10
Issue 13: ITMS: Add more decimal digits for reference values	10
Issue 14: ITMS: Modify IEC-specified saturation points calculation	10
Issue 15: ITMS: Retry ratio test at lower voltage if running into overcurrent	10
Issue 16: ITMS: Improve the quick test for MVCT	10
Issue 17: ITMS: Improve saturation curve scale for metering CT	10
Issue 18: ITMS: Improve the calculation of CT ratio errors	10
Issue 19: ITMS: Improve VT ratio calculation	10
Issue 20: ITMS: Improve accuracy for winding resistance	10
Issue 21: ITMS: Improve tests and assessment for PX/PXR/TPS class	10
Issue 22: ITMS: Improve current compensation during saturation test	11
Issue 23: ITMS: Fix a bug where the ratio error sign is not consistent.	11
Issue 24: ITMS: Fix a bug where the ratio error sign is not consistent	11
Issue 25: ITMS: Fix a possible software crash in Pro.....	11
Issue 26: ITMS: Fix a bug of showing No Query Response	11
Issue 27: ITMS: Fix nameplate items mismatch between reports	11
Issue 28: ITMS: Fix nameplate items mismatch between report and nameplate screen	11
Issue 29: ITMS: Fix a bug in the last release on handling commas as decimals.....	11

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 30: ITMS: Fix an issue in the Pro report close button	11
Issue 31: ITMS: Fix the inability to update firmware	11
Issue 32: ITMS: Fix a bug where the new STVI10 is unable to connect to a unit with a fixed IP	12
Issue 33: RTMS: COF: Alstom/Schneider P546 v2 update	12
Issue 34: RTMS: Disable FullScreen button in Lite	12
Issue 35: RTMS: COMTRADE: Increase the number of digital channels	12
Issue 36: RTMS: EZI: Change button icon from the "Test Selection Button"	12
Issue 37: RTMS: DIFF: Remove Vector Compensation settings	12
Issue 38: RTMS: EZI/LineDiff: Change BIN dialog labels.....	12
Issue 39: ITMS: Enabled WR test for basic CVT feature	12
Issue 40: ITMS: Added calculated points in 300V-10V phase range	12
Issue 41: RTMS: Add "SEL Read Only" button to config to enable/disable writing settings	13
Issue 42: RTMS: RAMP: Hide WaveForm button in simple ramp	13
Issue 43: RTMS: SEQ: Use "No Details in Report" checkbox.....	13
Issue 44: RTMS: Allow curve editing in Lite	13
Issue 45: RTMS: DigitalTwin: Added Siemens Digital Twin Authorization function.....	13
Issue 46: RTMS: METER: At start of test, clear values set by MET command parsing	13
Issue 47: SVAnalyzer: Manually make changes from MDSC to add logging and support 15360Hz.....	13
Issue 48: SVAnalyzer: Meter: Fixes for SEL-721 added	13
Issue 49: SVAnalyzer: Change how we find and select PCAP devices.....	13
Issue 50: RTMS: Fix curve list having duplicate entries.....	14
Issue 51: ITMS: Limited max voltage in WR test	14
Issue 52: RTMS: Fix the Restore Results dialog button.....	14
Issue 53: RTMS: When duplicating a test and copying BIN info, fix.....	14
Issue 54: RTMS: COF: COF Bin/Bout Updates	14
Issue 55: RTMS: DIFF: Hide Vector Compensation settings when in SinglePhase DIFF mode.....	14
Issue 56: RTMS: EZI: TSI test now disables the deviation alarm instead of the overcurrent alarm.....	14
Issue 57: RTMS: EZI: Definite curves now correctly draw with Inst Pickup	14
Issue 58: RTMS: EZI: Hide TSI button on settings screen if in IEC mode	14
Issue 59: RTMS: EZI: No longer tie Pickup and Timing BIN settings together	14
Issue 60: RTMS: EZI: Fix calculated phase angles; Rename "EZI" to "Easy-I".....	15
Issue 61: RTMS: EZI: Update "Testing Phases" button.....	15
Issue 62: RTMS: DIFF: Fix SinglePhase transformer factor	15
Issue 63: RTMS: Don't send OCA commands when in SVMMode.....	15
Issue 64: RTMS: Fix single binary output command when in online mode	15
Issue 65: RTMS: Update to limit the BATSIM range to 0-250V DC	15
Issue 66: RTMS: COF: Updates to fix BOs not being set correctly.....	15

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 67: RTMS: Updates to fix BOs not being set correctly	15
Issue 68: RTMS: Handle new "DONE."	15
Issue 69: RTMS: Custom Monitor - Impedance: Updates to better calculate the Z value when in Primary mode.....	16
Issue 70: RTMS: TOC/TOV/TUV: Update to set the delay time to "Disabled"	16
Issue 71: RTMS: DT: Changed channel names to start with "MeggerDT"	16
Issue 72: RTMS: Pro: Refresh external documents that are exported to the file systems after sync	16
Issue 73: RTMS: If template password/lock check fails, don't continue to load the form or connect to the test set	16
Issue 74: RTMS: Pro: If an RTMS form was added specifying a template	16
Issue 75: RTMS: (Pro) When using "Save as Template" and prompting to push the template to the database as an external document	16
Issue 76: RTMS: Add table editor for tests that use the "GenericFieldBased"	17
Issue 77: RTMS: Sprecher DD6 xml import	17
Issue 78: RTMS: GE (T60) csv import.....	17
Issue 79: RTMS: COF: Add space between header and table in report	17
Issue 80: RTMS: COF: Set the number of decimals to 1 for phase columns in report subforms	17
Issue 81: RTMS: Added a function to change the deviation limit	17
Issue 82: RTMS: Fixed an issue where the report close button still showed up	17
Issue 83: RTMS: Allow convertible channels to generate DC instead of forcing the Freq to 1 if Freq was < 1	18
Issue 84: RTMS: EZI/LineDiff: Fix loading BIN names from global RTMS settings.....	18
Issue 85: RTMS: EZI/LineDiff: Fix reported (but not duplicated) vector queue error	18
Issue 86: RTMS: EZI: Change method of loading curve list to handle large numbers of curves	18
Issue 87: RTMS: Add "GenericFieldBased" subform to InstForm	18
Issue 88: RTMS: COMTRADE: Remove check in binary file import that validates a value that is read but never used	18
Issue 89: RTMS: If the "Save As Template" option is selected from the RTMS picker, attempt to push the template as an ExtDoc	18
Issue 90: RTMS: SEQ: Move timer table to top of sequencer report.....	18
Issue 91: RTMS: EZI: Default UsePhaseComp to false.....	19
Issue 92: RTMS: TSI: Test now updates pass/fail status when min, max, or result values change.....	19
Issue 93: RTMS: TSI: Fix number of decimal places and keep user-edited min/max values.....	19
Issue 94: RTMS: InstPickup: Fix test updating the expected value with the result value at the end of the test	19
Issue 95: RTMS: Increased size of page tabs when running Onboard + TouchMode	19
Issue 96: RTMS: Added a way to lock a template/result to a Pro Site License	19

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 97: RTMS: Locked templates disable script editing/exporting functionality for non-Admin/FormDesigner level Pro users.....19

Issue 98: RTMS: SEQ: Add THRESHOLD_VOLTAGE scripting command.....19

Issue 99: RTMS: EZI: IEC EM Pickup test should run like Numerical (MP) Pickup.....19

Issue 100: RTMS: EZI: Added UsePhaseComp setting (only available when using a Numerical relay).20

Issue 101: RTMS: EZI: Fix the saved NameplateFormat being overwritten by the RTMS global setting when opening the EZI.....20

Issue 102: RTMS: EZI: ResetSeconds is no longer tied to EM relays.....20

Issue 103: RTMS: EZI: Disable AutoOff for some tests.....20

Issue 104: RTMS: EZI: Pickup test on EM relay uses a minimum of 500ms for Debounce.....20

Issue 105: RTMS: Fix QEV response in simulation mode.....20

Issue 106: RTMS: Fix QT response in simulation mode and add logging.....20

Issue 107: RTMS: BI names are now saved as the default.....20

Issue 108: RTMS: After duplicating a test, process the test scripts to replace "Prefix__" with the new test prefix.....20

Issue 109: RTMS: Added new color selection for phase-to-phase voltages.....21

Issue 110: RTMS: COF: Updated the BIN and BOUT pages to handle each fault type individually.....21

Issue 111: RTMS: COF: Added the COF Scripts to the exports.....21

Issue 112: RTMS: COF: When adding points (especially at a given reach/angle), check that the points are correct for forward and reverse points.....21

Issue 113: RTMS: COF: Generic editor now zooms the graph on the active zone when only one zone is displayed.....21

Issue 114: RTMS: COF: Fix floating point comparison.....21

Issue 115: RTMS: COF-Ramp: Increased size of controls.....21

Issue 116: RTMS: COF: Removed "(C)" label from postfault.....22

Issue 117: RTMS: COF-Ramp: Made labels one line and increased size.....22

Issue 118: RTMS: COF: ABBREF630 - add extra foreignID mappings.....22

Issue 119: RTMS: DIFF: Fix home screen number of channels being incorrect.....22

Issue 120: RTMS: EZI: Added message box to Timing test.....22

Issue 121: RTMS: EZI: Fix retest from RTMS to make sure message boxes.....22

Issue 122: RTMS: FC: Fix voltage value in symmetrical mode not being displayed correctly.....22

Issue 123: RTMS: METER: Fix scripting commands that set Lead/Lag/180.....22

Issue 124: RTMS: METER: Fix scripting commands that set the relay password.....22

Issue 125: RTMS: METER: Fix METER scripts sometimes running on the wrong meter.....22

Issue 126: RTMS: METER: Change the popup to make the "Hide On Retest" button display correctly.....23

Issue 127: RTMS: METER: SEL 487E now has a "Terminal Y" -> "met y" option.....23

Issue 128: RTMS: METER: If we don't continue the test (due to an error or bad config).....23

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 129: RTMSTemplateMgr: The rows now select/unselect properly and no longer look like they are selected.....	23
Issue 130: RTMSTemplateMgr: Add "Report pdf" Yes/No column to .csv export	23
Issue 131: RTMSTemplateMgr: When "Update Local with Checked" is clicked	23
Issue 132: RTMS: SEL read from relay: Fix formatting in report by changing font to a mono-space font.....	23
Issue 133: RTMS: Template picker: select template on double-click instead of single-click	23
Issue 134: RTMS: TOC/TOV/TUV: When editing a settings test, switch to the settings screen.....	24
Issue 135: RTMS: TOC/TOV/TUV: Change NOP points on definite curves to timeout	24
Issue 136: RTMS: TOC/TOV/TUV: Fix NOP tests when in simulate mode	24
Issue 137: RTMS: TOC/TOV/TUV: Fix formatting of the table values on NOP tests.....	24
Issue 138: RTMS: TOC/TOV/TUV: TOV/TUV continue to apply prefault currents during fault.....	24
Issue 139: RTMS: TOC/TOV/TUV: Test picker is split into element folder pickers	24
Issue 140: RTMS: TOC/TOV/TUV: Force Max error settings to be positive.....	24
Issue 141: RTMS: Improve met response parsing.....	24
Issue 142: RTMS: COF: Updates to fix issues with timers not updating.	24
Issue 143: RTMS: COF: Updates to fix points not being sorted into the correct order.....	24
Issue 144: RTMS: EZI: Added new "EZI" screen for simple Overcurrent testing.....	24
Issue 145: RTMS: FREQ: Update to fix "Frequency" group name not being translated.	25
Issue 146: RTMS: METER: Updates to fix strings not translating.....	25
Issue 147: RTMS: RAMP: Updates to allow the Simple Ramp report to set the expected value.....	25
Issue 148: RTMS: When loading data, initialize row data for unused rows	25
Issue 149: RTMS: Fix to make the 50mA range enabled correctly.....	25
Issue 150: ITMS: Improved AC ramp-down test in the condition of noisy current measurements.....	25
Issue 151: ITMS: Made proper rounding up or down on guessed IEC nameplate parameters.	25
Issue 152: ITMS: Modified warning message display on the connection diagram	25
Issue 153: ITMS: Changed to not repeat the AC ramp down in a DC quick saturation test if the test failed ..	25
Issue 154: RTMS: If a result was created from a template that has a password	25
Issue 155: ITMS: Run stand-alone ratio test after running ratio test.	26
Issue 156: ITMS: Fixed a bug and added a unit when adding new values for IEC protection	26
Issue 157: RTMS: Confirm template and script passwords before setting the password.	26
Issue 158: ITMS: Always show a button that lets the user switch between the old ramp-down test.....	26
Issue 159: RTMS: Updated PdbOnboardFileTransfer.exe to include Onboard Install functionality.	26
Issue 160: RTMS: Added "Remote Control" mode.....	26
Open Issues PowerDB/RTMS	26
Issue 1: TOC modules always use I1, I2, and I3 channels	26

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

What is New?

Tool/Templates Updates

Templates Updates: The following list of templates is included in the new release and as an updated revision of an existing template in the **RTMS D100.58.26.00 DLL** version.

Note: To use the templates below, the RTMS user must have a DLL version that is greater than or equal to the DLL version for which these templates were built.

RTMS Template Manager Rev 1.19.0.0 – Added the Connect to Database option, which allows the user to open without an internet connection.

MeggerLicensingApp—We added MeggerLicensingApp to the RTMS software to support the Digital Licensing features for the MGC, SVA, Digital Twin, and MDSC** software tools.

SVAnalyzer 1.0.0.31 – SVAnalyzer updates are included in the 1.0.0.31 version. Also, the User needs the Digital license to use the SVA feature from this release. The User must purchase the Digital License from Megger to utilize this feature. Refer to the 'Megger Digital Licensing' Document to register Digital Licenses.

MGC 1.7.3.0 – MGC updates are included in the 1.6.0.19 versions. Also included is the Digital license to use the MGC feature from this release. This release allows the User to replace the Dongle key with a Digital license.

Digital Twin SuperVT 6.10000—This PowerDB release supports the Digital Twin testing feature. To use this feature, the user needs to purchase a license. Also, refer to the "Using Megger Digital Twin Feature" document.

MRCT/MVCT Updates – Implemented a new quick Saturation test for MVCT.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: D100.58.64/66.00 Release Notes

PowerDB ver: 11.3.8.000

MRCT/MVCT/SPI Form Change: FORM CHANGE / DRIVER CHANGE

Issues Addressed: PowerDB/RTMS/MRCT/MVCT/SPI

Issue 1: RTMS: Updated Firmware to 6.412.

Resolution – Added the 6.412 as a part of the powerdb installation package.

Issue 2: RTMS: “SEL Read Only” mode update.

Resolution – This option was enabled by default in D100.58.64 release. Now it's disabled by default, and if the user opens a template with this option, we indicate that the setting is enabled.

Issue 3: RTMS: Manual Ramp: Add multiplier to allow channels to be ramped at different rates (e.g., channel 4 = channel 1 * k, channel 5 = channel 2 * k).

Resolution – In the home screen, this feature is included for users to define different increment steps, CH123 and CH456.

Issue 4: RTMS: Fault Calculator: Do not adjust Constant Source Z Angle for lead/lag/+-180.

Resolution: In the impedance mode in the fault calculator, if the user changes the orientation to constant source mode, we were changing the phase angles, which was incorrect. This has been fixed in this release.

Issue 5: RTMS: GenericFieldBased Table Editor: Fix crash caused by updating the designer too quickly.

Resolution – A crash was reported in the generic table editor and has been addressed in this release.

Issue 6: ITMS: Fix an issue with the onboard test screen scale.

Resolution – The onboard test screen scale issue has been addressed in this release.

Issue 7: ITMS: Update the latest MVCT firmware revision.

Resolution - The latest MVCT firmware is included in this release.

Issue 8: RTMS: Fix clearing waveforms/harmonics setting all channels to 0, and the specified values not being applied correctly for the next state.

Resolution: In the sequencer, when harmonics are applied, and the state transitions from harmonic to nonharmonic, it clears all values, including healthy ones. It's been addressed in the release.

Issue 9: ITMS: Add new MRCT-X model.

Resolution – The New MVCT-X model has been added to the software.

Issue 10: ITMS: Disable primary noise filtration.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution - Disable primary noise filtration and enable lead check when the software starts, regardless of system default settings.

Issue 11: ITMS: Add a warning message on the connection diagram for the external lead connection.

Resolution — Add a warning message on the connection diagram for the external lead connection.

Issue 12: ITMS: Enable winding resistance test for basic CVT feature.

Resolution - Enable winding resistance test for basic CVT feature.

Issue 13: ITMS: Add more decimal digits for reference values.

Resolution - Add more decimal places to the reference values in the IEC assessment table.

Issue 14: ITMS: Modify IEC-specified saturation points calculation to match that in the IEC knee calculation.

Resolution - Modify the IEC-specified saturation points calculation to match that in the IEC knee calculation.

Issue 15: ITMS: Retry ratio test at lower voltage if running into overcurrent.

Resolution - Retry ratio test at lower voltage if running into overcurrent.

Issue 16: ITMS: Improve the quick test for MVCT.

Resolution - Improve the quick test for MVCT.

Issue 17: ITMS: Improve saturation curve scale for metering CT.

Resolution - Improve saturation curve scale for metering CT.

Issue 18: ITMS: Improve the calculation of CT ratio errors.

Resolution: Improve the calculation of CT ratio errors for low-current percentages when metering CTs with very low knee voltages when opening some test files from older versions.

Issue 19: ITMS: Improve VT ratio calculation.

Resolution - Improve VT ratio calculation for high ratio VTs.

Issue 20: ITMS: Improve accuracy for winding resistance.

Resolution - Improve accuracy for winding resistance bigger than 40 Ohms.

Issue 21: ITMS: Improve tests and assessment for PX/PXR/TPS class.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution— Improve tests and assessment for the PX/PXR/TPS class.

Issue 22: ITMS: Improve current compensation during saturation test.

Resolution - Improve current compensation during saturation test.

Issue 23: ITMS: Fix a bug where the ratio error sign is not consistent.

Resolution—Fix a bug in the ratio error sign that is not consistent.

Issue 24: ITMS: Fix a bug where the ratio error sign is not consistent.

Resolution - Fix a bug in the ratio error sign that is not consistent.

Issue 25: ITMS: Fix a possible software crash in Pro.

Resolution - Fix a possible software crash in Pro when opening a test result with a combined report.

Issue 26: ITMS: Fix a bug of showing No Query Response.

Resolution - Fix a bug of showing No Query Response on the status bar when opening a file or a new Form while connected to a unit.

Issue 27: ITMS: Fix nameplate items mismatch between reports.

Resolution - Fix the nameplate items mismatch between the report and the nameplate screen for IEC protection classes.

Issue 28: ITMS: Fix nameplate items mismatch between report and nameplate screen for IEC protection classes.

Resolution - Fix the nameplate items mismatch between the report and the nameplate screen for IEC protection classes.

Issue 29: ITMS: Fix a bug in the last release on handling commas as decimals.

Resolution - Fix a bug in the last release on handling commas as decimal symbols when guessing nameplate VA and other parameters.

Issue 30: ITMS: Fix an issue in the Pro report close button.

Resolution - Fix an issue in Pro where the report close button still appears after opening a job and closing the report.

Issue 31: ITMS: Fix the inability to update firmware.

Resolution - Fix the issue of being unable to update firmware when the unit's connection is not set.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 32: ITMS: Fix a bug where the new STVI10 is unable to connect to a unit with a fixed IP.

Resolution - Fix a bug in the new STVI10 that prevents it from connecting to a unit with a fixed IP.

Issue 33: RTMS: COF: Alstom/Schneider P546 v2 update.

Resolution - Alstom/Schneider P546 v2 - When getting settings from the active setting group, check the import file for "ID_09_03" and "09.03" and "0903" to determine the active group; Schneider P546 v2 - update mappings to work with the active group (use "#" in the mappings instead of always using the "3X.XX" settings).

Issue 34: RTMS: Disable FullScreen button in Lite.

Resolution - Disable the FullScreen button in Lite (it was already non-functional; now we prevent users from clicking it).

Issue 35: RTMS: COMTRADE: Increase the number of digital channels.

Resolution - Increase the number of digital channels that can be imported (1200 -> 5200).

Issue 36: RTMS: EZI: Change button icon from the "Test Selection Button".

Resolution - EZI: Change the "Test Selection Button" icon to the "Add to Report Button" icon, and add the "View Report" option to the picker.

Issue 37: RTMS: DIFF: Remove Vector Compensation settings.

Resolution - DIFF: Remove Vector Compensation settings from Generator settings.

Issue 38: RTMS: EZI/LineDiff: Change BIN dialog labels.

Resolution - Change BIN dialog labels - "Input Type", "Input Action".

Issue 39: ITMS: Enabled WR test for basic CVT feature.

Resolution - Enabled WR test for basic CVT feature.

Issue 40: ITMS: Added calculated points in 300V-10V phase range.

Resolution - Added calculated points in 300V-10V phase range; modified a few abort treatments, etc.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 41: RTMS: Add "SEL Read Only" button to config to enable/disable writing settings to SEL relays (read-only is the default, and users have to opt in).

Resolution - Add a "SEL Read Only" button in config to enable/disable writing settings to SEL relays (read-only is the default, and users have to opt in).

Issue 42: RTMS: RAMP: Hide WaveForm button in simple ramp.

Resolution - Hide the WaveForm button in the simple ramp.

Issue 43: RTMS: SEQ: Use "No Details in Report" checkbox.

Resolution - Use the "No Details in Report" checkbox to hide all sections in the SEQ report except the timer table.

Issue 44: RTMS: Allow curve editing in Lite.

Resolution – Allow curve editing in Lite.

Issue 45: RTMS: DigitalTwin: Added Siemens Digital Twin Authorization function.

Resolution – Added Siemens Digital Twin Authorization function.

Issue 46: RTMS: METER: At start of test, clear values set by MET command parsing.

Resolution: At the start of the test, clear the values set by the MET command parsing so that we don't show the previous values if a test is aborted before reading from the relay.

Issue 47: SVAnalyzer: Manually make changes from MDSC to add logging and support 15360Hz.

Resolution – Manually make changes from MDSC to add logging and support 15360Hz.

Issue 48: SVAnalyzer: Meter: Fixes for SEL-721 added.

Resolution – Fix multi-PDU/ASDU packets and packets without 8 data channels.

Issue 49: SVAnalyzer: Change how we find and select PCAP devices.

Resolution – Change how we find and select PCAP devices (use the MGC method).

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 50: RTMS: Fix curve list having duplicate entries.

Resolution – Fix the curve list having duplicate entries when merging lists from the Installed and User databases.

Issue 51: ITMS: Limited max voltage in WR test.

Resolution – Limited max voltage in WR test to improve accuracy for resistance bigger than 50Ohms.

Issue 52: RTMS: Fix the Restore Results dialog button.

Resolution – Fix the Restore Results dialog button that isn't anchored correctly.

Issue 53: RTMS: When duplicating a test and copying BIN info, fix.

Resolution – When duplicating a test and copying BIN info, also copy the tripcontact, latchmonitor, debounce, etc.

Issue 54: RTMS: COF: COF Bin/Bout Updates.

Resolution: COF Bin/Bout Updates - Updates to add "outside zone" bin/bout.

Issue 55: RTMS: DIFF: Hide Vector Compensation settings when in SinglePhase DIFF mode.

Resolution – Hide Vector Compensation settings when in SinglePhase DIFF mode.

Issue 56: RTMS: EZI: TSI test now disables the deviation alarm instead of the overcurrent alarm.

Resolution – TSI test now disables the deviation alarm instead of the overcurrent alarm.

Issue 57: RTMS: EZI: Definite curves now correctly draw with Inst Pickup.

Resolution – Definite curves now correctly draw with Inst Pickup.

Issue 58: RTMS: EZI: Hide TSI button on settings screen if in IEC mode.

Resolution – Hide the TSI button on the settings screen if in IEC mode.

Issue 59: RTMS: EZI: No longer tie Pickup and Timing BIN settings together.

Resolution – No longer tie Pickup and Timing BIN settings together.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 60: RTMS: EZI: Fix calculated phase angles; Rename "EZI" to "Easy-I".

Resolution – Fix calculated phase angles; Rename "EZI" to "Easy-I".

Issue 61: RTMS: EZI: Update "Testing Phases" button.

Resolution – Update the "Testing Phases" button to use "Testing Phase" depending on which fault types are enabled for testing.

Issue 62: RTMS: DIFF: Fix SinglePhase transformer factor.

Resolution – Fix the SinglePhase transformer factor.

Issue 63: RTMS: Don't send OCA commands when in SVMMode.

Resolution – Don't send OCA commands when in SVMMode.

Issue 64: RTMS: Fix single binary output command when in online mode.

Resolution – Fix the single-binary-output command when in online mode.

Issue 65: RTMS: Update to limit the BATSIM range to 0-250V DC.

Resolution – Update to limit the BATSIM range to 0-250V DC (especially on manual ramping) - if the new value after ramping would go out of range, set it at the limit instead of not allowing the increment. (e.g., $248 + 5 = 250$ instead of 248).

Issue 66: RTMS: COF: Updates to fix BOs not being set correctly.

Resolution – Updates to fix BOs not being set correctly.

Issue 67: RTMS: Updates to fix BOs not being set correctly.

Resolution – Updates to fix BOs not being set correctly.

Issue 68: RTMS: Handle new "DONE."

Resolution – Handle new "DONE" response from FW (especially when the vector queue is empty) so that we don't consider that unexpected response as an error.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: D100.58.64/66.00 Release Notes

PowerDB ver: 11.3.8.000

MRCT/MVCT/SPI Form Change: FORM CHANGE / DRIVER CHANGE

Issue 69: RTMS: Custom Monitor - Impedance: Updates to better calculate the Z value when in Primary mode.

Resolution – Updates to better calculate the Z value when in Primary mode.

Issue 70: RTMS: TOC/TOV/TUV: Update to set the delay time to "Disabled".

Resolution – Update to set the delay time to "Disabled" when 0, only if the corresponding pickup is also 0.

Issue 71: RTMS: DT: Changed channel names to start with "MeggerDT".

Resolution – Changed channel names to start with "MeggerDT" instead of "SMRTDT" and removed phase designations from channel names.

Issue 72: RTMS: Pro: Refresh external documents that are exported to the file systems after sync (so that users can use them without restarting PowerDB).

Resolution – Refresh external documents that are exported to the file systems after sync (so that users can use them without restarting PowerDB).

Issue 73: RTMS: If template password/lock check fails, don't continue to load the form or connect to the test set.

Resolution – If the template password/lock check fails, don't continue loading the form or connecting to the test set.

Issue 74: RTMS: Pro: If an RTMS form was added specifying a template.

Resolution – If an RTMS form was added specifying a template, don't show the test menu twice at startup when loading the template on a new result.

Issue 75: RTMS: (Pro) When using "Save as Template" and prompting to push the template to the database as an external document.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution – When using "Save as Template" and prompting to push the template to the database as an external document, ensure the template file is fully written before prompting the user (so users see the prompt on the first export attempt).

Issue 76: RTMS: Add table editor for tests that use the "GenericFieldBased".

Resolution – Add table editor for tests that use the "GenericFieldBased" report subform (new button in test script window).

Issue 77: RTMS: Sprecher DD6 xml import.

Resolution – Fix case where 2+ settings with the same display name (but different element names) are not imported.

Issue 78: RTMS: GE (T60) csv import.

Resolution – Add "backwards compatible" mappings for T60 template.

Issue 79: RTMS: COF: Add space between header and table in report.

Resolution – Add space between the header and the table in the report.

Issue 80: RTMS: COF: Set the number of decimals to 1 for phase columns in report subforms.

Resolution – Set the number of decimals to 1 for phase columns in report subforms.

Issue 81: RTMS: Added a function to change the deviation limit in the firmware to speed up measurement in the saturation test.

Resolution – Added a function to change the deviation limit in the firmware to speed up measurement in the saturation test.

Issue 82: RTMS: Fixed an issue where the report close button still showed up after opening a job in Pro and closing the report.

Resolution – Fixed an issue where the report close button still showed up after opening a job in Pro and closing the report.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 83: RTMS: Allow convertible channels to generate DC instead of forcing the Freq to 1 if Freq was < 1.

Resolution — Allow convertible channels to generate DC instead of forcing the Freq to 1 if Freq was < 1.

Issue 84: RTMS: EZI/LineDiff: Fix loading BIN names from global RTMS settings.

Resolution – Fix loading BIN names from global RTMS settings.

Issue 85: RTMS: EZI/LineDiff: Fix reported (but not duplicated) vector queue error.

Resolution – Fix reported (but not duplicated) vector queue error after pressing play->abort->play back-to-back.

Issue 86: RTMS: EZI: Change method of loading curve list to handle large numbers of curves.

Resolution – Change the method of loading the curve list to handle large numbers of curves.

Issue 87: RTMS: Add "GenericFieldBased" subform to InstForm.

Resolution – Add "GenericFieldBased" subform to InstForm, add that subform to the custom subform selection at the top of the picker, and don't export that subform as part of the template.

Issue 88: RTMS: COMTRADE: Remove check in binary file import that validates a value that is read but never used.

Resolution – Remove the check in the binary file import that validates a value that is read but never used.

Issue 89: RTMS: If the "Save As Template" option is selected from the RTMS picker, attempt to push the template as an ExtDoc.

Resolution – If the "Save As Template" option is selected from the RTMS picker, attempt to push the template as an ExtDoc.

Issue 90: RTMS: SEQ: Move timer table to top of sequencer report.

Resolution – Move the timer table to the top of the sequencer report.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 91: RTMS: EZI: Default UsePhaseComp to false.

Resolution – Default UsePhaseComp to false.

Issue 92: RTMS: TSI: Test now updates pass/fail status when min, max, or result values change.

Resolution— Test now updates pass/fail status when min, max, or result values change.

Issue 93: RTMS: TSI: Fix the number of decimal places and keep the user-edited min/max values.

Resolution – Fix the number of decimal places and keep the user-edited min/max values.

Issue 94: RTMS: InstPickup: Fix test updating the expected value with the result value at the end of the test.

Resolution – Fix test updating the expected value with the result value at the end of the test.

Issue 95: RTMS: Increased size of page tabs when running Onboard + TouchMode.

Resolution – Increased size of page tabs when running Onboard + TouchMode.

Issue 96: RTMS: Added a way to lock a template/result to a Pro Site License.

Resolution – Added a way to lock a template/result to a Pro Site License (so that it can't be used in Lite or by other companies) by adding "LOCK_TEMPLATE" as the first line in the Master Script.

Issue 97: RTMS: Locked templates turn off script editing/exporting functionality for non-Admin/FormDesigner level Pro users.

Resolution – Locked templates turn off script editing/exporting functionality for non-Admin/FormDesigner level Pro users.

Issue 98: RTMS: SEQ: Add THRESHOLD_VOLTAGE scripting command.

Resolution – Add THRESHOLD_VOLTAGE scripting command.

Issue 99: RTMS: EZI: IEC EM Pickup test should run like Numerical (MP) Pickup.

Resolution – IEC EM Pickup test should run like Numerical (MP) Pickup.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 100: RTMS: EZI: Added UsePhaseComp setting (only available when using a Numerical relay).

Resolution – Added UsePhaseComp setting (only available when using a Numerical relay).

Issue 101: RTMS: EZI: Fix the saved NameplateFormat being overwritten by the RTMS global setting when opening the EZI.

Resolution – Fix the saved NameplateFormat being overwritten by the RTMS global setting when opening the EZI.

Issue 102: RTMS: EZI: ResetSeconds is no longer tied to EM relays.

Resolution – ResetSeconds is no longer tied to EM relays (removed EMResetType).

Issue 103: RTMS: EZI: Disable AutoOff for some tests.

Resolution – Disable AutoOff for some tests.

Issue 104: RTMS: EZI: Pickup test on EM relay uses a minimum of 500ms for Debounce.

Resolution – Pickup test on EM relay uses a minimum of 500ms for Debounce.

Issue 105: RTMS: Fix QEV response in simulation mode and add logging (to wait for the specified time before moving to the next state).

Resolution – Fixed the QEV response in simulation mode and added logging (to wait for the specified time before moving to the next state).

Issue 106: RTMS: Fix QT response in simulation mode and add logging.

Resolution – Fixed the QT response in simulation mode and added logging.

Issue 107: RTMS: BI names are now saved as the default.

Resolution – BI names are now saved by default.

Issue 108: RTMS: After duplicating a test, process the test scripts to replace "Prefix__" with the new test prefix.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution – After duplicating a test, process the test scripts to replace "Prefix__" with the new test prefix.

Issue 109: RTMS: Added new color selection for phase-to-phase voltages.

Resolution – Added new color selection for phase-to-phase voltages.

Issue 110: RTMS: COF: Updated the BIN and BOUT pages to handle each fault type individually.

Resolution – Updated the BIN and BOUT pages to handle each fault type individually, rather than by category as in previous versions.

Issue 111: RTMS: COF: Added the COF Scripts to the exports.

Resolution – Added the COF Scripts to the exports where the master script and master functions are exported. The COF Scripts behave the same way as the master functions when importing.

Issue 112: RTMS: COF: When adding points (especially at a given reach/angle), check that the points are correct for forward and reverse points.

Resolution – When adding points (especially at a given reach/angle), check that the points are correct for forward and reverse points (i.e., don't add reverse points at a given angle for a given reach if the reach is not applicable to test the zone).

Issue 113: RTMS: COF: Generic editor now zooms the graph on the active zone when only one zone is displayed.

Resolution – The generic editor now zooms the graph on the active zone when only one zone is displayed.

Issue 114: RTMS: COF: Fix floating point comparison when evaluating if a point is inside or outside a zone characteristic polygon.

Resolution – Fixed floating point comparison when evaluating if a point is inside or outside a zone characteristic polygon.

Issue 115: RTMS: COF-Ramp: Increased size of controls.

Resolution – Increased size of controls.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 116: RTMS: COF: Removed "(C)" label from postfault.

Resolution – Removed "(C)" label from postfault.

Issue 117: RTMS: COF-Ramp: Made labels one line and increased size.

Resolution – Made labels one line and increased size.

Issue 118: RTMS: COF: ABBREF630 - add extra foreignID mappings for "| 0", "| 0 | FALSE", "| 1", "| 1 | TRUE", etc. suffixes.

Resolution – ABBREF630 - add extra foreignID mappings for "| 0", "| 0 | FALSE", "| 1", "| 1 | TRUE", etc. suffixes.

Issue 119: RTMS: DIFF: Fix home screen number of channels being incorrect when returning from DIFF screen in simulation mode.

Resolution – Fix the home screen channel count being incorrect when returning from the DIFF screen in simulation mode.

Issue 120: RTMS: EZI: Added message box to Timing test when EMWithInst is selected to prompt the user to parallel the pickup and timing contact.

Resolution – Added a message box to the Timing test when EMWithInst is selected, prompting the user to parallel the pickup and timing contact.

Issue 121: RTMS: EZI: Fix retest from RTMS to make sure message boxes, etc., show up correctly.

Resolution: Re-test from RTMS to ensure message boxes, etc., appear correctly.

Issue 122: RTMS: FC: Fix voltage value in symmetrical mode not being displayed correctly.

Resolution – Fix the issue where the voltage value in symmetrical mode is not displayed correctly.

Issue 123: RTMS: METER: Fix scripting commands that set Lead/Lag/180.

Resolution – Fix scripting commands that set Lead/Lag/180.

Issue 124: RTMS: METER: Fix scripting commands that set the relay password.

Resolution – Fix scripting commands that set the relay password.

Issue 125: RTMS: METER: Update the METER screen after the test script is run if edited from the METER screen.

Resolution – Update the METER screen after the test script is run if edited from the METER screen.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 125: RTMS: METER: Fix METER scripts sometimes running on the wrong meter test if there are multiple in the report.

Resolution – Fix METER scripts sometimes running on the wrong meter test when multiple are present in the report.

Issue 126: RTMS: METER: Change the popup to make the "Hide On Retest" button display correctly.

Resolution— Change the pop-up to display the "Hide On Retest" button correctly.

Issue 127: RTMS: METER: SEL 487E now has a "Terminal Y" -> "met y" option.

Resolution – SEL 487E now has a "Terminal Y" -> "met y" option.

Issue 128: RTMS: METER: If we don't continue the test (due to an error or bad config), update the screen to allow the user to regain control.

Resolution – If we don't continue the test (due to an error or bad configuration), update the screen to allow the user to regain control.

Issue 129: RTMSTemplateMgr: The rows now select/unselect properly and no longer look like they are selected when they are not or unselect when the row is scrolled out of view.

Resolution—The rows now select/unselect properly and no longer look like they are selected when they are not or unselect when the row is scrolled out of view.

Issue 130: RTMSTemplateMgr: Add "Report pdf" Yes/No column to .csv export and make the column sortable in the template manager.

Resolution – Add "Report pdf" Yes/No column to .csv export and make the column sortable in the template manager.

Issue 131: RTMSTemplateMgr: When "Update Local with Checked" is clicked, don't prompt the user to confirm the update if no templates are checked.

Resolution – When "Update Local with Checked" is clicked, don't prompt the user to confirm the update if no templates are checked.

Issue 132: RTMS: SEL read from relay: Fix formatting in report by changing font to a mono-space font and not removing leading spaces so that columns in the raw response from the relay still align in the report.

Resolution—SEL read from relay: Fix formatting in report by changing font to a mono-space font and not removing leading spaces so that columns in the raw response from the relay still align in the report.

Issue 133: RTMS: Template picker: select template on double-click instead of single-click.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution – Template picker: select template on double-click instead of single-click.

Issue 134: RTMS: TOC/TOV/TUV: When editing a settings test, switch to the settings screen.

Resolution – When editing a settings test, switch to the settings screen.

Issue 135: RTMS: TOC/TOV/TUV: Change NOP points on definite curves to timeout at the definite time + 5s.

Resolution – Change NOP points on definite curves to timeout at the definite time + 5s.

Issue 136: RTMS: TOC/TOV/TUV: Fix NOP tests when in simulate mode and don't abort the timing test on NOP.

Resolution – Fix NOP tests when in simulate mode and don't abort the timing test on NOP.

Issue 137: RTMS: TOC/TOV/TUV: Fix formatting of the table values on NOP tests.

Resolution – Fix the formatting of table values in NOP tests.

Issue 138: RTMS: TOC/TOV/TUV: TOV/TUV continue to apply prefault currents during fault.

Resolution – TOV/TUV continue to apply prefault currents during fault.

Issue 139: RTMS: TOC/TOV/TUV: Test picker is split into element folder pickers if there are more than 12 total tests enabled (across all enabled elements).

Resolution – Test picker is split into element folder pickers when more than 12 total tests are enabled (across all enabled elements).

Issue 140: RTMS: TOC/TOV/TUV: Force Max error settings to be positive.

Resolution: Force Max error settings to be positive.

Issue 141: RTMS: Improve met response parsing.

Resolution – Improve met response parsing.

Issue 142: RTMS: COF: Updates to fix issues with timers not updating.

Resolution – Updates to fix issues with timers not updating.

Issue 143: RTMS: COF: Updates to fix points not being sorted into the correct order.

Resolution – Updates to fix points not being sorted into the correct order.

Issue 144: RTMS: EZI: Added new "EZI" screen for simple Overcurrent testing.

Resolution – Added new "EZI" screen for simple Overcurrent testing.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Issue 145: RTMS: FREQ: Update to fix "Frequency" group name not being translated.

Resolution – Update to fix "Frequency" group name not being translated.

Issue 146: RTMS: METER: Updates to fix strings not translating.

Resolution – Updates to fix strings not translating.

Issue 147: RTMS: RAMP: Updates to allow the Simple Ramp report to set the expected value.

Resolution – Updates to allow the Simple Ramp report to set the expected value.

Issue 148: RTMS: When loading data, initialize row data for unused rows so we don't show default row data (multiples of 2/3/5) in the table for rows greater than the saved number of rows.

Resolution – When loading data, initialize row data for unused rows so we don't show default row data (multiples of 2/3/5) in the table for rows greater than the saved number of rows.

Issue 149: RTMS: Fix to make the 50mA range enabled correctly.

Resolution – Fix to enable the 50mA range correctly.

Issue 150: ITMS: Improved AC ramp-down test in the condition of noisy current measurements.

Resolution: Improved AC ramp-down test in the condition of noisy current measurements.

Issue 151: ITMS: Made proper rounding up or down on guessed IEC nameplate parameters; display more decimal digits for reference values in the IEC assessment table.

Resolution – Made proper rounding up or down on guessed IEC nameplate parameters; display more decimal digits for reference values in the IEC assessment table.

Issue 152: ITMS: Modified warning message display on the connection diagram to fit the older onboard display.

Resolution – Modified warning message display on the connection diagram to fit the older onboard display.

Issue 153: ITMS: Changed to not repeat the AC ramp down in a DC quick saturation test if the test failed.

Resolution – Changed to not repeat the AC ramp down in a DC quick saturation test if the test failed.

Issue 154: RTMS: If a result was created from a template that has a password, prompt for the password when opening the result (and not printing). Previously, the user was only prompted for the password when opening the template.

PowerDB/RTMS/MRCT/MVCT/SPI/Firmware Release Updates

RTMS DLL: **D100.58.64/66.00** Release Notes

PowerDB ver: **11.3.8.000**

MRCT/MVCT/SPI Form Change: **FORM CHANGE / DRIVER CHANGE**

Resolution – If a result is created from a template with a password, prompt for the password when opening the result (not when printing). Previously, the user was only prompted for the password when opening the template.

Issue 155: ITMS: Run stand-alone ratio test after running ratio test during ramp-down saturation test if ratio-related assessment items fail.

Resolution – Run a stand-alone ratio test after running the ratio test during the ramp-down saturation test if the ratio-related assessment items fail.

Issue 156: ITMS: Fixed a bug and added a unit when adding new values for IEC protection class parameters.

Resolution – Fixed a bug and added a unit when adding a new value for IEC protection class parameters.

Issue 157: RTMS: Confirm template and script passwords before setting the password.

Resolution – Confirm template and script passwords before setting the password.

Issue 158: ITMS: Always show a button that lets the user switch between the old ramp-down test and the new ramp-down quick test.

Resolution – Always show a button that allows the user to switch between the old ramp-down test and the new ramp-down quick test.

Issue 159: RTMS: Updated PdbOnboardFileTransfer.exe to include Onboard Install functionality.

Resolution – Updated PdbOnboardFileTransfer.exe to include Onboard Install functionality.

Issue 160: RTMS: Added "Remote Control" mode.

Resolution – Added "Remote Control" mode.

Issues Addressed: NO Firmware changes are included in this release.

Open Issues: PowerDB/RTMS

Issue 1: TOC modules always use I1, I2, and I3 channels.

TOC modules are locked to the first three channels of any SMRT instrument. Future firmware and RTMS releases will address this.