Release Notes

WinCCU Version 7.0.1

January 8, 2014

1.0 OVERVIEW

1.1 Document Purpose

The following document will provide information regarding fixes that have been incorporated into the latest release of WinCCU® version 7.0.1.

1.2 Background

Totalflow Windows Central Collection Unit (WinCCU) is a set of functions that are integrated into a single Windows® program. This program is then used to collect, edit, process and report on data generated from Totalflow flow computer units (FCU), remote terminal units (RTU) or NGC analyzers.

2.0 FEATURES

FYI

When appropriate, new features or enhancements available to the user are fully documented in the help files. To see details, check the help files after installation of the new revision.

2.1.1 Version 7.0.1

No new features have been introduced in this release.

2.1.2 Version 7.0

The following information will detail the new functionality available in WinCCU (Version **7.0**):

- Added **Remote Template query** capability to the remote status request function. The user can now use Template Query files to customize the output to a Remote Status Request. Selecting the template query overrides existing templates associated with the meters. It provides the user the option to use a template file to define the output to a remote status query. The output is sent to a spreadsheet. The template file is used to define the desired set of register values for one or more meters.

- Added **SQL Filter Group** as a new option for creating filter groups. This option adds the capability to create a filter group using SQL select statements to create a list of meter IDs to include in a group. This new option uses the long term database instead of the Device ID database to create the groups. Feature is implemented to fulfill request:

  - **6077** – Add filter group option that uses SQL files (queries) to include device IDs obtained from the Long Term Data Base.

- Added New Report Types to fulfill request:

  - **864** – Create new report types based on specific events such as Event Dump and Recurring Events Reports, etc.

  - These reports are useful for diagnostics and included the following:

Power and productivity
for a better world™

ABB

- **Event Dump Report (TFAR 311)** - includes Meter ID's and Event codes columns, and also allows filtering of specific events by event code.

- **Unexpected Flow Data Report (TFAR 351)** - used to detect gaps in log records (Archive File) that are greater than a set number of seconds for the selected meter.

- **Last Log Record Report (TFAR 352)** - detects the "stop archiving" problem by comparing the collection date/time from the characteristic record to the date/time of the last log record. If those two date/time values are too far apart then it's included in the report output.

- **Recurrent Event Report (TFAR 600)** - Lists summary of a specific event occurring a specific number of times.

- Added **CXF7 liquid output 7.0.5** Flow-Cal ® file exchange format- This option supports liquid outputs and fixes issued with gas. Implemented to fulfill requests:

  - **4674** – Output to CFX-7 does not have correct K-factor value.

  - **4661** - Output to CFX-7 does not have all the Alarm data, ZF and BF are missing.

  - **4829** – Support Live Analysis output from laptop to CFX-7.

- Added an additional set of fields to include in custom reports. These fields can include information from the FCUIDS database. Implemented to fulfill request:

  - **5891(5581)** - Add user defined fields out of the ID database for eligible selections when editing/creating custom Reports.

- Added support for nested "@IF", "@Else" used in the latest INI files. Implemented to fulfill requests:

  - **5704/6190** - Update support for new INI Commands like "@IF/@Else" and "ROWLoop", "dr2".

- Allows smart collect to be enabled or disabled on a per collect basis. Previously the smart collect was always on or off. The user now has the option to enable smart collect on manual task, while running a schedule task with it disabled. Implemented to fulfill request:

  - **5892** - Allow smart collect to be an option selectable by Schedule task.

- Other features implemented to fulfill requests:

  - **5668** – Add code to support Extra data, even when Flex-tube dlls are missing.

  - **6052** - Configurable summary report with can now specify "date" as a field variable and select form (a) Start Date (b) End Date or (c) Date Range as to the information to be printed, against the chosen Field variable "date".

2.1.3 Version 6.25.1

- No Additional Features added in this release. See Fixes/Modification Section.

2.1.4 Version 6.25

- **Liquid Application** - Support has been added within WinCCU version 6.25 for the new Liquid Tube application. Currently CFX outputs and editing of Liquid data is not supported.

3.0 FIXES/MODIFICATIONS

3.1.1 Version 7.0.1

Critical Bug Fixes

- 6428 - Changes made to LTDB events by the editor were not correctly implemented (new values were always logged as zero). For example, if an event log for "Pipe Dia" was inserted with a new value of "21.5", the event log would show "Pipe Dia" as 0.00. FIXED

3.1.2 Version 7.0

Install Bug Fixes

- 4712 - Uninstalling PCCU/any other Totalflow host product could destroy WinCCU Totalflow (TF) dependent registry keys. FIXED in new WinCCU Install.

- 6086 - Ability to upgrade from WinCCU Standard version to WinCCU Trend/Enterprise version without losing your install settings. FIXED.

Critical Bug Fixes

- 1503 - Log period data in Archive View is displayed as MM/DD/YY HH:MM, but when it is output to spreadsheet, the minutes are missing and it is saved as MM/DD/YY HH. FIXED.

- 3682 - Polling for Alarms and outputting to database, DiskFile does not cover Comm-Error-alarms. FIXED.

- 3946 - Certain archive created from XML import fail when trying to output to LTDB. FIXED.

- 4155 - Security hole when using encrypted connections strings, the entire string (including userid and password) are displayed. FIXED.

- 4344 - Adding new ComType immediately after deleting any existing one, causes WinCCU to throw an exception. FIXED.

- 4594 - Should not have 2 or more Alarm – by - exception files with the same file name. FIXED.

- 4879 – Report/Spreadsheet email output with more than one email address to CC. FIXED.

- 5082 - From Archive graph, outputting to spreadsheet writes invalid data for some fields. FIXED.

- 5126 - Old custom reports (.TFR file) are converted to new report files (TFX) as needed (not just the first time). FIXED.

- 5135 Correctly handle case where the user attempts to load a profile that does not exist. FIXED.

- 5307 - Correct remote configuration G4 logging application to handle missing .ini files gracefully. FIXED.

- 5372 - Fixed PGAS output so bookmark file (.bmk) is created when "Use PGAS Bookmarks" option is enabled. FIXED.

- 5491 - Fixed merge of liquid meter data. FIXED.

- 5519 - Upload from Liquid App tube works fine, download data from spreadsheet causes WinCCu to crash. FIXED.

- 5545 - Handle lack of Analysis tab in LTDB editor for liquid meters. FIXED.

- 5568/4709 –Eliminate the extra blank page printed per meter during report printout. FIXED.

- 5591 – When remotely configuring a Modbus comm (port) in a G4 device, WinCCU crashes when the Trailing Pad value (under Advanced Tab) is changed. FIXED

- 5653 - WinCCU crashes on historical collect if the group selected has at least one NGC tube and one of the custom outputs turned on (Spreadsheet, Pgas, XML, etc.). FIXED.

- 5659 - WinCCU crashes during LTDB merge from archive, if the ArchFile data is 9 days newer than LTDB. FIXED.

- 5942 - Spreadsheet downloads do not get completed with Comport Optimization turned on. The last item in the spreadsheet gets accessed repeatedly. FIXED.

- 5981 – Generate an error message and prevent data from being displayed when the Stream ID "STREAM2" does not match the device ID "STREAM 2 like it is implemented for the FCU tubes. IMPLEMENTED.

- 5989 - Y-Calc errors on LTDB editor. FIXED.

- 5990 – Backwards compatibility issues with configurable report created with WinCCU 6.24 and earlier versions. FIXED.

- 6001 - Selecting too many Archive and LTDB reports (Standard and/or Configurable) creates an exception in WinCCU. FIXED.

- 6024 - Invalid template data crash. FIXED.

- 6088 - Events displayed must have (proper units)/(blanks) for SU/US AGA3 tubes for changes to Pipe and Bore Coefficients. FIXED.

- 6090 - LTDB update causes WinCCU crash, when Setup-extra data has string length greater than 50. FIXED.

- 6123 - Mismatch between set-up inputs and events logged for VCone Reynolds number & Flow Coefficient tables 1 thru 16. FIXED.

- 6131 - The event "Number of Days to Run Test" shows date/time in the Old/New Value fields instead of a number. FIXED.

- 6171 - Archive View, Characteristic tab, "Actual Calc type" is not visible when value is set to "AGA3 1985". FIXED.

Non-critical bug fixes

- 3733 - Running archive or long term reports and if you select a file output setup path that has a dot '.' in it (ie: WinCCu6.11) the output file won't get created. FIXED.

- 4277 - Custom report with only Trend data must have Trend DB in the Headings, not Archive/LTDB. FIXED.

- 4316 – After collecting data using the FS2 handheld device, the FSU prints a report even though no reports have been selected. FIXED.

- 4984 - Copy function from laptop utility does not work. FIXED.

- 5002 - Custom status poll, truncates a data type string after 10 characters. This has been increased to 20 characters. FIXED.

- 5738/5893 - Custom Reports now have better margins. FIXED.

- 5767/5798 - Prevent ComPort/ComType invalid (duplicate names/index) while adding/editing with ID Mgr. FIXED.

- 5773/6018 - Error adding single meter ID thru list group. FIXED.

- 6246 - Changed precision of calibration report values and calibration event values to 3 digits. FIXED.

Cleanup bug fixes

- 3306 – In the Setup customize option, the check-boxes to uncheck meterID/stationID from ID grid have been grayed out as part of cleanup. FIXED.

- 4072 - In Report output for AGA7, pulse counts are printed as decimals, xxx.yy instead of integers. FIXED.

- 4249 - Focus on MeterIds selected from the grid, changes when you get back from an EDIT ID option. FIXED.

- 4760 - Fixed help button issues for Remote Configuration for NGC Operations.

- 4581 - LTDB Editor for Events with dropdown menu selections, should not allow arbitrary manual inputs. FIXED.

- 4582 - Alarm Codes in help file is now indexed under Alarm Codes as well as Report Alarm Codes. FIXED.

- 4587 - Display issue with Trend Configure Dialog, tab order is erratic. FIXED.

- 4589 - Display issue with DeviceTrend Dialog, radio buttons not disabled correctly. FIXED.

- 4590 - Display issue with TrendDatabase Dialog, labels overlap. FIXED.

- 4597 - IDMgr CommPort/CommType display issues. FIXED.

- 4719 - After returning from an Edit-Configurable-report, the Report dialog window loses focus on prior selections. FIXED.

- 4761 - Help feature has been updated. FIXED.

- 4881 - K-factor data has invalid characters "SD7" at the end of the numerical value. Display issue FIXED.

- 4971 - Enable help button on "Clean-up and Compact long term database" window. FIXED.

- 5027/5743/5760/6027 - Previous/Next meter Tab (Arch/LTDB view) does not work under certain conditions. FIXED.

Power and productivity
for a better world™ ABB

- 5275 - Don't allow editing of data displayed in window following collection to screen. FIXED.

- 5418 - Match Remote Configuration Port Type selections with same selections in PCCU

- 5440 - Fix display of Daily flow Detail and Log period detail tabs so that data is not obscured when window is resized. FIXED.

- 5471 - Correct location of "Auxiliary Contract Setup" and "Last Calc Period Alarms" in LTDB editor characteristics tab. FIXED.

- 5578/5767/5798 – Allow removal of last comm port or last comm type. FIXED.

- 5600 - When displaying Laptop/View/Graph, only display one window with repeated presses of next meter button (prevent multiple message boxes popups). FIXED.

- 5605/5823/5857- Remote Configure, Default app setting modifications/read-only fields. Update/grid size. FIXED.

- 5675 - Uninitialized variable. FIXED.

- 5676 - Values in Status screen display are now read-only. FIXED.

- 5717 - Remove duplicate items in the Setup/Customize- IdMgr option- dialog. FIXED.

- 5788/5809/6143 - All the known event descriptions added.

- 5831 - Missing IDDB connection, to disable invalid buttons like Remote Collect. FIXED.

- 5956 - Error message when "Number of days to Edit" is out of range. FIXED.

- 5987 – LTDB Editor: changing SP value causes the new integral value to be calculated incorrectly. FIXED.

- 6060 – Non-numerical values allowed to be entered in register fields. FIXED by adding register field type validation to allow only the required numerical values. FIXED.

- 6065 - Configure trend input data tab order. FIXED.

- 6076 - Splash screen enhancement. Add serial / revision number. Add animation / keep windows from thinking WinCCU is not responding. IMPLEMENTED.

- 6164 - WinCCU setup path window does not resize properly. FIXED.

3.1.3 Version 6.25.1

The following information refers to the current fixes that the user can expect to encounter within WinCCU 6.25.1.

- 4704 – For Windows 7 OS, remote configure with "register based device" disabled, would not allow drop down menu for the Command/Communication tabs to function, unlike Main Set-up tab. Fixed.

- 5508 – While loading a profile, choosing a profile name that does not exist, causes the registry to lose all the settings. The settings then have to be reconfigured by manual entry thru registry because WinCCU will not start with blank settings in registry. Fixed.

- 5521 – Performed Sanity check on Floating point extra data items for Daily, Log Period and Characteristic records, to avoid WinCCU crashes related to LTDB updates.

- 5574 – Make Sanity Check Backward Compatible, after a fresh update.

- 5582 – ComPorts and ComTypes have to be added one at a time. Trying to add more than one causes an error. FIXED.

- 5595 – LTDB merge fails, related to Char Extra data for regular meter. Fixed

- 5653 – WinCCU crash related to NGC and selection of "Archfile" output. Fixed.

- 5659 – WinCCU crashes when trying to merge new data to LTDB. This happens when there are daily records in the archive file that are more than 90 days newer than the latest. Fixed.

3.1.4   Version 6.25

The following information refers to the current fixes that the user can expect to encounter within WinCCU 6.25.

- 4996 – In the Template Editor it was discovered the when using a register map and selecting the application slot to assign the parameter, it was taking the whole name of the application and not just the application slot #. This issue has since been corrected.

- 5124 – An issue was discovered where there was Daily or Log Period extra data that was not outputting or updating from the Archive to the Long Term database.

- 5136 – An issue was found where the scheduler was crashing after performing a historical collect when reporting the Event Log on certain meters.

- 5141 – When the user initiated a custom report, Daily Flow Trend data was sometimes omitted

- 5143 – Within the last version of WinCCU, on a Liquid G3 meter, WinCCU was crashing when the user was performing a Historical collect with an output to the Long Term Database and PGAS.

- 5144 – An issue was discovered where the user attempted to schedule a collect with Events as the output to either a printer or file, and they were not receiving the Events output.

- 5246 – Within the last version of WinCCU, enumerations specified with a custom template were not showing up on reports or in Status.

- 5277 – An issue was corrected where the display rate for the AGA-7 tube was not being displayed in the Remote dialog if the display rate was being set to "Per Flow Period".

- 5279 – The C' column was renamed to C'/I.Mult in the outputs to Spreadsheet Totals from collection, archive utilities and laptop files.

- 5282 – In the SU Coriolis – Laptop file, the Uncorrected Volume column was removed from the Daily Flow Data, Log Period Data, Daily Flow Detail and Log Period Detail tabs. This was undertaken because Uncorrected Volume does not apply to the Coriolis meter.

- 5283 – An issue was discovered where there were occasional problems that were related to the View/Edit functions within the Log Period Summary reports.

- 5286 – With the latest version of WinCCU, no longer is .NET Framework 3.5 installed or required.

- 5446 – Scheduled tasks performing data collection of flow data would not run correctly if Com Port Optimization was disabled under WinCCU Setup Misc. tab.

3.1.5   Version 6.24

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.24.

- 2725 – The definition of the Editor Modification code 64 was updated within the latest version of the WinCCU help files.

- 4275 – An issue was discovered where the WinCCU directory paths were becoming corrupted on certain systems. This issue has been resolved within the latest version of WinCCU.

- 4786 – Within the last version of WinCCU, an issue was discovered when performing a custom poll using a template in which the parameters entered in the template for the TFIO modules was not displaying in ascending order. This has since been corrected in the latest version of WinCCU.

- 4837 – In the last iteration of WinCCU, an issue was found where the Analysis Trend file data was not updating to the Long Term database. This has been corrected within WinCCU 6.24.

- 4840 – A modification was implemented in the latest version of WinCCU to correct an issue with some systems having their WinCCU directory paths becoming corrupted.

- 4854 – An issue was corrected within the Status Poll Custom Report for data type "INT16".

- 4855 – An issue was corrected within the Status Poll Custom Report for data type "INT32".

- 4873/4874/4911 – The Version Check utility has been modified to correct existing issues.

- 4915 – An issue was discovered in the last version of WinCCU where, if the Vol Calc Period < 1 minute, the Vol Calc Period was displaying as blank within the Characteristic and Event records. This has since been corrected within the latest version of WinCCU.

- 4923 – An issue was corrected where WinCCU was crashing while performing a custom poll when the Date/Time was entered as a parameter in the Report group of the template assigned to the device.

- 4925 – A display issue was discovered when performing a Custom Status Poll for INT16, UINT16, INT32 and UINT32. This issue has since been corrected within the latest version of WinCCU.

- 4664/4944 – An issue was corrected within the latest version of WinCCU where the new Template Editor was only allowing arrays up to 99. The Template Editor now supports entries up to 255.

- 4956 – An issue was discovered with saving data from a Custom Status Poll to the Long Term database and Spreadsheet file for INT16, UINT16, INT32 and UINT32. This has been corrected in the latest version of WinCCU.

- 4964 – An issue was corrected where the remote Spreadsheet configuration was not supporting "F(pv) Calculation method" and "Use SP, DP sqrt Averages".

- 4968 – In the latest iteration of WinCCU, an issue was found with the Configurable Trend Report only reporting data as integers when they are, in reality, floating point numbers that include decimal values. This has since been corrected in the latest version of WinCCU.

- 4985 – The help files were modified to include an accurate description of default file capacities.

- 4989 – An issue was corrected where WinCCU was crashing in relation to the SU Coriolis Long Term Database update.

- 4999 – An issue was discovered within the Field Balance Report where there were no selections for Input and Output groups. This has been corrected in the latest version of WinCCU.

- 5021 – An issue was discovered when the user attempted to edit an ID group and then tried to assign it to a parent group. The parent group entry was case-sensitive, leading to some confusion. As a solution, the parent group entries now are no longer case-sensitive.

- 5032 – An issue was corrected where viewing a Laptop Trend file more than once was causing WinCCU to crash.

- 5041 – An issue was discovered in the prior iteration of WinCCU regarding unlocking the Long Term database after edits had been performed on G4 devices. The cause was found to be that the user, after editing a G4 device, could not edit another meter's data without first restarting WinCCU. This has since been corrected within the latest version of WinCCU.

- 5084/5086 – An issue was discovered in Archive File Events where volume accumulator rollover events were not logging the accumulated volume at the time the rollover occurred. This has since been corrected within the latest version of WinCCU.

- 5089 – An issue was fixed where it was possible to have two ID groups with the same name (i.e., Test and test) in the ID database. This could lead to confusion within the system. As a result of this, ID groups now are not case-sensitive.

- 5090 – An issue was corrected with the Automatic Trend Collect option when the Archive checkbox was selected as an output.

- 5104 – An issue was discovered in WinCCU within the Characteristics record where calibration data was being displayed in the wrong fields. This has since been corrected in the latest version of WinCCU.

3.1.6   Version 6.23.1

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.23.1.

- 4792 – A new feature was added in WinCCU version 6.2 that included a new characteristic record date/time. If the user collects from an older meter that

does not use the packet protocol, this new characteristic record date/time does not get set properly. This results in the inability to edit records in the Long Term database. As a result of this, a correction has been implemented so that the characteristic record date/time gets set properly for older meters that do not use the packet protocol.

- 4805 – In the last iteration of WinCCU, SQL was set to read-only for some users. As a result of this, if the user elected to perform a "Status to Screen", a system crash would occur. A modification was implemented in the latest version of WinCCU that corrected this issue.

- 4816 – An issue was detected whenever a user attempted a schedule task for Status Output to the LTDB. Sometimes this action did not always work. This failure was caused if the task was preceded by a manual task for Status Collect which did not include output to the LTDB. This issue has been corrected within the latest version of WinCCU.

- 4822 – In the latest version of WinCCU, the code was modified to allow scheduled tasks to run if there are spaces in the Group, Sort or Setup File parameters.

3.1.7 Version 6.23

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.23.

- 4161 – Issue was corrected where the function of emailing scheduled reports was being sent to the incorrect recipient's list. This has been subsequently modified in the latest version of WinCCU.

- 4205 – An issue was detected wherein the Normal Status Poll report was not working with Long Term Utilities when the meter's data contained extra data parameters. This has been corrected within the current version of WinCCU.

- 4218 – An issue was detected wherein selecting a group of meters to update the date/time did not always complete the task for all of the selected meters. This has been corrected within the current version of WinCCU.

- 4221 – Issue was resolved within the latest version of WinCCU where the Create View option within Configurable Reports did not work for the Long Term Database.

- 4364 – An issue was corrected where the Reports file output from Rcom HistoryCollect was creating a file for each meter selected instead of placing all meters in the same output file. This has subsequently been modified in the latest version of WinCCU.

- 4378 – An issue was detected wherein CustomRpt for the Characteristic field, such as Location, was displaying as a numeric value instead of alphanumeric. This has subsequently been modified in the latest version of WinCCU.

- 4379 – An issue was corrected within the latest version of WinCCU wherein the XRC board that was running the Selectable Units flash would be unable to run a Total Volume report from the Long Term database.

- 4406 – Issue existed where if the user attempted to edit an existing Comm type, they were receiving an error message: "Cannot duplicate comtype". This has subsequently been corrected within the latest version of WinCCU.

- 4416 – Issue existed with Windows 7 where PCCU Laptop files could not be accessed through WinCCU. This has subsequently been corrected within the latest version of WinCCU.

- 4433 – An issue was detected with the events "Reset Date/Time" and "Contract Start Hr" not reporting correctly. This has been corrected within the latest version of WinCCU.

- 4473 – Issue was resolved within the latest version of WinCCU where the "SpreadShTotal" file output from the Long term Database was causing an error: "Attempt to write to protected memory."

- 4502 – An issue existed with the Contract Hour considerations on partial .XML imports. This issue has subsequently been corrected in the latest version of WinCCU.

- 4518 – Issue was resolved within the latest version of WinCCU where the old templates, with no template areas defined, were having issues with the conversion to XML format.

- 4593 – An issue was detected where if a template was being used and it contained a string value, it would cause WinCCU to crash. This has subsequently been corrected within the latest version of WinCCU.

- 4602 – Issue existed with Windows 7 where WinCCU would lock-up when trying to save a custom report. This has subsequently been corrected in the latest version of WinCCU.

- 4604 – Issue was resolved in the latest version of WinCCU where WinCCU would not use a path that was different that the install default for WinCCU report outputs.

- 4632 – Issue was resolved in the latest version of WinCCU where Stream-type laptop files could not be accessed by WinCCU. This was deemed to be a Windows 7 and Windows XP issue.

- 4645 – An issue existed where if the user tried to create a new Trend Custom report and then selected a trend file name from the drop-down list, WinCCU was sometimes crashing. This has subsequently been modified in the latest version of WinCCU.

- 4646 – An issue was detected where if performing a scheduled trend collect of all trend files from an ID group that uses more than one comm port, a freeze sometimes occurred on certain meters. As a result, the scheduled task was never getting completed. This has been corrected within the latest version of WinCCU.

- 4672 – Issue was resolved in the latest version of WinCCU where if a laptop file contains negative numbers in the Temperature column, it was outputting blank data to PGAS Output.

- 4685 – Issue was corrected in the latest version of WinCCU where the Long Term database file output were failing when the meter ID was not within the ID database.

- 4696 – Issue existed where the Help button did not work in the Reports section on the PCCU Collect screen. This has subsequently been corrected in the latest version of WinCCU.

- 4707 – Issue was resolved that concerned a missing data report.

- 4713 – In the last version of WinCCU, performing a Historical Collect and then opting to output to both Archive and Long Term database would corrupt the Long Term database and cause duplicate event records. This has since been corrected in the latest version of WinCCU.

- 4716 & 4217 – In the prior version of WinCCU, when G4 XFC or XRC templates were imported and converted to .XML format, the Alarm App slot is not correct. This has been corrected in the latest version of WinCCU.

- 4718 – An issue existed where if the user ran a Configurable report, Type Trend, Style Normal, WinCCU would crash. This has been corrected in the latest version of WinCCU.

- 4722 – An issue was detected during Trend collection and Display to Screen where the information that was showing was the actual trend value for one log period and zero for the next log period and then the actual value for the next period in sequence throughout the displayed values. It was determined that the issue was associated with the selection of an integer or unsigned integer for the parameter value. This has since been corrected in the latest version of WinCCU.

- 4725 – In the prior version of WinCCU, users were experiencing delays with writing collected data to the Long Term database. This has been corrected in the latest version of WinCCU.

- 4727 An issue was resolved in the latest version of WinCCU where if the user opened a template and selected an entry to edit, the app/array/register designation was changing. This has been corrected.

- 4743 – In the prior version of WinCCU, the user would receive a "Failed to Insert Analysis" error when an attempt was made to insert an analysis record. This has been corrected in the latest version of WinCCU.

- 4773 – An issue existed within the prior version of WinCCU where the program would crash during a collection action. This was related to the string length of the ComPort name. This has subsequently been corrected within the latest version of WinCCU.

3.1.8   Version 6.22.3

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.22.3.

- 4502 – In relation to the partial import of XML files, if the XML file contains only log period data, a dummy daily record was being created. In the new version of WinCCU, the dummy daily record's date/time, adjusted for contract hour, was correctly set so that hourly records can now be properly associated.

3.1.9   Version 6.22.2

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.22.2.

- 4460 – Issue corrected in regards to partial XML import relating to viewing Log Period records. This used to occur when related daily records already existed in the archive.

- 4470 – In prior versions of WinCCU, when a user initiated a partial import of XML Log Period data, WinCCU would error out with a "Close the Program"

message after exiting an archive merge. This has since been corrected in the current version of WinCCU.

- 4471 – On Recalc in the LT Editor, if the user had the Auxiliary Factor set to On and the value set to 0, an error was generated. This has subsequently been corrected within the current version of WinCCU.

- 4472 – In the latest version of WinCCU, barometric pressure was added to Archive and Editor Characteristic displays, as required by some meters.

- 4474 – In previous versions of WinCCU when importing XML data, there were instances where the user would encounter an archive state where duplicate log period records were generated for the same hour. It was then discovered that the user would occasionally receive duplicate flow records with the exact same data. This has since been corrected in the latest version of WinCCU. Created an import.log file in the WinCCU log directory to contain duplicate log period messages.

3.1.10 Version 6.22.1

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.22.1.

- The engineering units associated with gauge devices has been corrected in the current iteration of WinCCU.

- A correction was implemented in regard to memory leaks in relation to multiple XML imports.

3.1.11 Version 6.22

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.22.

- 3954 – In the prior version of WinCCU, if the user updated G4 Coriolis archive to the SQL long term database and then attempted to edit that data, they were receiving an error message. With the latest iteration of WinCCU, the user can now update the database and open it with the editor.

- 4195 – In the previous version of WinCCU, if the user ran the Missing Data reports, the reports were coming back with missing log periods when there were not any log periods missing. This has since been corrected in the latest version of WinCCU.

- 4199 –Corrected issue of Change Log report not working.

- 4222 – In the previous versions of WinCCU, when the user created a configurable report to perform a Daily, Normal, Flow Data, Average or Total, the report was not totaling or averaging the parameters in the report. This has been corrected within the subsequent version of WinCCU.

- 4225 – When WinCCU 6.2 was installed over the prior versions of WinCCU, the IDs were not associated with the correct templates. This has been corrected in the latest version of WinCCU.

- 4242 – Corrected issue in WinCCU with ability to use a UNC path (\\Machine name\folder) for any of the WinCCU setup directory paths.

- 4254 – Corrected issue where long term database volume column was mislabeled Corr Vol(MCF). Now volume column is labeled Vol(MCF)

- 4266 – Corrected issue with Spreadsheet Edit feature when processing meters and one of the meters in the Edit Spreadsheet did not exist in the Long Term database.

- 4268 - Corrected issue with setting time remotely.

- 4271 – Corrected issue with configurable reports not being able to report on characteristics data.

- 4284 – Corrected issue with scheduling Status Poll Summary file being emailed.

- 4295 – A modification was implemented that changes the display grid from auto-sizing columns to a scroll bar. This enables the user to view the data in the added columns.

- 4297 – Corrected the issue with the Select ALL Meters in the Group checkbox when grid filtering had been performed on an ID group prior to selecting the All Meters checkbox.

- 4298 – Feature was reinstated in the current version of WinCCU. Feature was for remote communications window to be placed in the task bar when a remote communication was in progress.

- 4300 – Corrected issue where WinCCU would crash if an Id group with a group type of 0 or null was selected. Group types of 0 or null are not valid but will not cause a crash now.

- 4301 – In the new version of WinCCU, the end time StreamFile collect is adjusted to account for time zones ahead of WinCCU local time.

- 4317 – In the prior version of WinCCU, if the user changed the database path or com port, there was a failure in connecting with CPC until WinCCU was restarted. This has since been corrected in the latest version of WinCCU.

- 4322 – In prior version of WinCCU, the application was bringing up the wrong Help calls for WinCCU.hlp instead of WinCCU.chm. This has been corrected in the subsequent release of WinCCU.

3.1.12 Version 6.21

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.21.

- 3368 – Corrected issue of being unable to set K-factor when performing a remote configure on a uFLO unit.

- 3369 – Added ability to allow for negative numbers for pulse meter's K-factor.

- 3452 – Added ability to delete multiple trend archive files.

- 3687 – Modified help files for Alarm By Exception topic.

- 3753 – Corrected issue where the Laptop Folder Status column did not display an "L".

- 3772 – Corrected issue where the Meter ID report had effective dates on the report. They are not needed on this report.

- 3774 – Corrected issue of parsing error when importing XML files.

- 3784 – Corrected issue where two workstations are editing com ports or com types on the same ID database. This caused duplicate indexing to com ports or com types.

- 3785 – Corrected issue where grid ID focus would switch to a different ID when exiting editor.

- 3794 – Corrected issue with reports generated at collection time doing old style reports. They are now consistent with all other reports in the system.

- 3880 – Corrected issue with Trend collection "Most Recent Time Range" option.

- 3882 – Corrected issue where last database trend date range is used the next time the database trend is entered.

- 3973 – Corrected issue where WinCCU would not open archive files generated by PCCU.

- 3976 – Corrected the issue with remotely configuring an NGC device, and the calibration data was not showing.

- 3994 – Corrected issue where Turbine meter long term data volume column names were reversed (corr. vol and uncorr vol).

- 4033 – Added Help button and content to Remote Configure screen.

- 4044 – Corrected trend issue so that WinCCU will remember last output selection of trend collect.

- 4099 – Corrected issues with remotely configuring a NGC device.

- 4123 – Corrected issue with Laptop Total Volume spreadsheet output being appended even when Initialize File checkbox is selected.

- 4132 – Corrected issue with Low Battery Valve Action drop-down list on the Valve Control screen showing duplicate selections.

- 4138 – Corrected viewing issue so that anytime that the user enters the Archive Log Period Detail tab, the view starts with the first hour of the contract day and not the last hour of the contract day.

- 4150 – Corrected issue where performing a status poll with continuous monitoring of a string value would crash WinCCU.

- 4163 – Corrected issue with Watchdog timeout event, old and new values.

- 4188 – Corrected issue with mass field in the Total Volume Spreadsheet output.

- 4210 – Corrected issue with remotely configuring a Coriolis device.

- 4219 –Corrected issue with the Template Editor crashing WinCCU when the user double-clicked on Select File/New or File/Open Template.

- 4240 – The help files have been corrected for CFX outputs.

3.1.13 Version 6.20.1

3.1.13.1 New Features

The following information will detail the new functionality and fixes that are available in the latest version of WinCCU.

- The Template Editor is now designed to use XML. This allows customers the ability to customize the information that is received from remote devices whether they are using PCCU, WinCCU or TDS software packages.
  - Improved user interface for creating and editing templates.
  - New XML Template Editor allows for the creation of new templates. This includes add, delete, copy and paste of each template level (areas, groups and elements).
  - The ID Manager automatically imports old templates the first time it is run. Additionally, it allows for the association of a template with an ID.
  - Custom polls, reports, .csv and database outputs now use XML templates exclusively.
- NGC device type added within the ID Manager.
- New reports, relating to the NGC, consist of the following:
  - Hourly, Daily and Monthly Historical reports.
  - Current, Raw, Calibration, Last Hour, Last Day and Last Month Results reports.
  - Event report.
  - Alarm report.
- Extension of "extra data" elements to the long-term database.
- DLL is required for each "extra data" tube part number.
- "Extra data" definitions are no longer required in the registry.
- Full editor support for "extra data" meters.
- Enhanced Auto collection functionality to fill holes in an existing archive file.
- Analyzes archive files to determine how to fill-in holes.
- Fills in the holes with the optimum number and size of requests.
- SQL database UDL files are now encrypted to enhance security.
- Configurable reports have been reworked to process output through Active Reports.

3.1.13.2   Fixes/Modifications

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.20.1

- 4206 – Previously, remotely set date and time in G2, G3 and G4 boards works with WinCCU 6.11.4 but not with WinCCU 6.2. This issue has been corrected in WinCCU 6.20.1.

- 4225 – Update old templates to XML format issue with WinCCU 6.20. This issue is corrected in WinCCU 6.20.1.

3.1.14 Version 6.20

3.1.14.1   New Features

The following information will detail the new functionality and fixes that are available in the latest version of WinCCU.

Power and productivity
for a better world™   ABB

- The Template Editor is now designed to use XML. This allows customers the ability to customize the information that is received from remote devices whether they are using PCCU, WinCCU or TDS software packages.

  o Improved user interface for creating and editing templates.

  o New XML Template Editor allows for the creation of new templates. This includes add, delete, copy and paste of each template level (areas, groups and elements).

  o The ID Manager automatically imports old templates the first time it is run. Additionally, it allows for the association of a template with an ID.

  o Custom polls, reports, .csv and database outputs now use XML templates exclusively.

- NGC device type added within the ID Manager.

- New reports, relating to the NGC, consist of the following:

  o Hourly, Daily and Monthly Historical reports.

  o Current, Raw, Calibration, Last Hour, Last Day and Last Month Results reports.

  o Event report.

  o Alarm report.

- Extension of "extra data" elements to the long-term database.

- DLL is required for each "extra data" tube part number.

- "Extra data" definitions are no longer required in the registry.

- Full editor support for "extra data" meters.

- Enhanced Auto collection functionality to fill holes in an existing archive file.

- Analyzes archive files to determine how to fill-in holes.

- Fills in the holes with the optimum number and size of requests.

- SQL database UDL files are now encrypted to enhance security.

- Configurable reports have been reworked to process output through Active Reports.

- In prior versions of WinCCU, when the user initially logs into WinCCU, the system begins looking for any changes to the ID database. This could sometimes lead to increased CPU and database load. The Column Update Rate feature allows the user to disable this function, perform only one scan or set the number of seconds between scans (pre-defined or user-defined).

3.1.14.2   Fixes/Modifications

The following information refers to current fixes that the user can expect to encounter within WinCCU 6.2.

- 3091 - The Long Term Editor is modified to display gas analysis events in chronological order.

- 3109 - Modification prevents old archive file data loss during a merge that was previously caused by a read-file error.

- 3191 - Corrected WinCCU crash issue in relation to long-term edit for Corrected analysis of gas data.

- 3199 - Corrected issue wherein WinCCU crashed after a batch edit of log period data.

- 3213 - Corrected issue where the sort option in Scheduled Summary Reports would work but would then disable the comm port optimization.

- 3214 - The RCOM window data has been rearranged with proper headings.

- 3216 - Added enhancement (ManageCPC.exe) that allows multiple CPC's to be toggled between the screen and the tray.

- 3217 - Fix initiated that corrected the issue of random dates being generated during LT edit for Corrected analysis.

- 3220 - Modification initiated that allows RCOM windows from multiple scheduled tasks, when minimized, to appear on the task bar.

- 2789 - Fix in place that will prevent crashes as they relate to stream meters (Flash 2103731-001).

- 2929 - Corrected issue with continuously performing a custom poll. Previously, when the user attempted to perform a remote status on G4 and G3 that have a standard template assigned to them and have the custom output, monitor continuously and output set to screen selected, the results will display several times before continuing to update poll times, but the poll data is not displayed.

- 2936 - Corrected issue where a 31-day Standard report generated an extra page.

- 2937 - Modification was initiated that prevents a .TMP extension from being attached to all email outputs.

- 2941 - Corrected issue wherein, during a Remote Status collect of a single meter for a non-custom report that has the Monitor Continuously option selected, the value displayed for the Station ID was incorrect.

- 2956 - Corrected the issue of a .TMP extension being associated with email attachments.

- 2984 - Corrected issue where the wrong data appeared in the columns (RCOM window) during remote collect. This wrong data refers to the Meter ID appearing under the Location heading and only the Com Port appearing under the Meter ID heading.

- 2990 - Corrected issue where ID name was being truncated when a laptop file was written to the history folder. Laptop history is now allowed when meter-name length is > 8 characters.

- 2991 - Enhancement added that allows for the deletion of trend archive files for multiple meters. Previously, these had to be deleted one at a time.

- 3006 - Corrected the issue wherein the Summary reports, run as a scheduled task, did not recognize the Sort option.

- 3010 - Corrected the issue where, if the App table database is corrupted, the valve control can have trouble.

Power and productivity
for a better world™   ABB

- 3012 - Corrected issue where the error message(s) "Bad Record Structure" or "Failed to Create Archive" would interrupt a scheduled collect because they were awaiting a response from the user.

- 3023 - Configuration issue was corrected where analysis downloads caused plate, tube and factors to change.

- 3048 - Corrected issue where the label heading on the Custom Report showed it as an Archive report when, in reality, it was a Long Term report.

- 3065 - Corrected problem regarding the AGA-3 archive file. Previously, when this was selected and the user elected to have the file viewed onscreen, it would appear scrolled to the right and would hide the DP column.

- 3074 - Corrected issue where extra data entries were only going to 19. They are now going to 26.

- 3074 - All INI files are now included in the install.

- 3074 - Added feature where, if the user chooses to go to Remove Programs, they will see the correct WinCCU version.

- 3074 - Corrected error so that .Net Framework is installed on initial loading of the WinCCU application.

- 3094 - Remote configuration error was corrected where the user tried to remote configure a 6213 and received an error message.

- 3110 - Issue was corrected in the SQL LTDB where very small float values were causing problems resulting in error messages.

- 3116 - Corrected issue where WinCCU would crash after user selected Valve View from the Apps drop-down menu.

- 3150 - Corrected issue where prior versions of WinCCU were outputting into CFX version 3 instead of version 5.

- 3155 - Corrected issue where duplicate log data was being shown in the log report, report 320.

- 3157 - Issue was corrected where the VCONE meter was missing certain INI files.

- 3159 - Increased the SocketTimeout from 800 to 8000 and the default for SocketRetry from 0 to 3.

- 3161 - User can now email reports in CSV format.

- 3162 - Corrected issue with custom report, CSV, Type = Summary, data field header.

- 3718 – A modification was made pertaining to the import attached XML feature. In the previous iteration, under the Meter Log Period report within the Reports section, when the user selected a date range and then went to preview the report, the seconds were being displayed in the Minutes column of the Log Period End Time. The modification now allows for the correct time elements to be displayed in their corresponding columns.

- 3727 – Implemented a modification that corrected an exception error that occurred when the user attempted to perform a historical collection for three days and selected all meters in the ID group and further selected archive and lotermd as the outputs. The issue was related to the SQL long term database and has been corrected.

- 3732 – An issue existed wherein when a user viewed archive files, in particular the log period data for partial day collects, it would always end with the contract hour. For example, if the contract hour was 7 am and a 1 day collect was done at 10:30 am, the last line in the log period data will show the last collection time as "10:00 to 11:00". After that, if two days later another 1 day collect was performed, the previously collected data would appear as a partial day collect, and the last line of the log period for that day would be displayed as "10:00 to 7:00" because 7:00 am is the contract hour. This issue has been corrected in the latest iteration of WinCCU.

- 3734 – A modification was implemented that adds an additional header to the Log Period Report for the AGA7-tube. This new header will now display Vol/Cor Vol with the proper units.

- 3735 - A modification was implemented that adds an additional header to the Daily Volume Report for the AGA7-tube. This new header will now display Vol/Cor Vol with the proper units.

- 3742 – A modification was put in place that corrects the issue that existed with the Scheduler. In previous iterations, when the user scheduled tasks, the Scheduler was performing collects for ID groups in other scheduled tasks. The modification corrects this problem so that each scheduled task only performs within the confines of what the user has established.

- 3778 – A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL ID database" during collection, the software was trying to create a new ID DB. This has now been corrected.

- 3779 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Longterm database" during collection, the software was trying to create a new LT DB. This has now been corrected.

- 3880 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Trend database" during collection, the software was trying to create a new Trend DB. This has now been corrected.

- 3881 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Alarm database" during collection, the software was trying to create a new Alarm DB. This has now been corrected.

- 3823 – A modification has been implemented that corrects the issue of WinCCU crashing when an attempt to output an archive stream file to Coastal Flow was initiated. Now, when this is attempted, the system will no longer crash.

- 3834 – Modification was initiated to correct the issue of WinCCU crashing when trend files were created by PCCU 7.13.6. This was related to the length of the trend variable name. If the name exceeded 20 characters, WinCCU would crash. This has been corrected.

- 3941 – In prior version of WinCCU, if the user had customized their WinCCU grid and menu, upgrading WinCCU would overwrite the WinCCU.xml. This

would cause the customer to lose customization. This has subsequently been corrected in version 6.20.

3.1.15   WinCCU Version 6.11.4

3.1.15.1   Fixes/Modifications

- 3446 - Comments for LT Edit, "Analysis Insert/Modify" Issue. Fixed. During Analysis Insert/Modify of LT data, the user is asked to enter the reasons for such an edit. Also, at the end of the session after all the recalculations are done, the user is asked again to enter a reason for the edits. This is unnecessary and has been removed.

- 3960 - Comments for LT Edit, "Insert Events" Issue. Fixed. Same as (3446) above for "Insert Events".

- 3996 - Comments for LT Edit, "Change Events" Issue. Fixed. Same as (3446) above for "Change Events".

- 4002 - Unable to save status poll data to SQL LTDB. Fixed. An unusually small number, 10e-42, was saved in the box for one of the gas analysis contents. This caused a problem accessing the meter data with TFNET. Now a check is done on all the 21 components of gas analysis. This is an issue only with LTDB SQL, and not with Access.

- 4015 - Add variable timer capability for Status Column Updates to minimize CPU usage by WinCCU. The background thread for Status Column Updates used to run continuously. This can now be disabled, made to update only once OR, run every "n" number of seconds. This is based on a drop-down menu list in WinCCU Setup->Misc.

- 4018 - SQL Query Issue. Fixed. A customer has over 3,000 meters that were split across over 500 groups. This caused a substantial amount of delay for the status/Rcom windows to pop-up and communications with the device to begin. This has now been fixed.

- 4034 - Configurable reports to be saved/emailed with DateTime Stamp on the FileName. To distinguish configurable reports sent by email, the filenames used to be "TFRnnn.txt"/ "TFRnnn.csv" where "nnn" is a randomly generated number. The customer now has a choice of using any file name for the custom report. They can do so by clicking on the "File Output Setup" button that is included in the "Report Output" section. The reports generated this way will have DateTime Stamp to distinguish them from each other.

- 4041 – CPC, in mini-view, crashes when trying to "stop and restart". Fixed. This will happen when (a) CPC is hung -up; for example, receiving "try to gain control of the port" error; (b) The "TCP Connect time-out" is set to 8000 millisec (8 seconds). Default value; (c) Before waiting for 8 seconds, the user clicks on the "Stop/Start" button on the mini-view of the CPC; (d) This will happen only with mini-view of CPC and not the full view.

- 4049 - Characteristic tab of Archive view for G3 SU CORIOLIS has display issues. Fixed. Not all parameters of this special tube are displayed. Some are missing and some, such as those related to "Last Calc Period Data", might be displayed in a different section. This issue has now been resolved.

3.1.16 WinCCU Version 6.11.3

3.1.16.1   Fixes/Modifications

- 1772 – Changing Cal_Type from 1992 to 1985 causes old "1992 Data Edit" issue. Fixed Changing Cal_type from 1992 to 1985. This caused the default value of Zba = 0. This in turn caused divide by zero errors when an attempt was made to edit old Cal_type 1992 data. It is now possible to edit such data without getting these errors.

- 3801 – Valve control nomination issues for G4 boards. Fixed. Could not download a nominations period onto a G4 board with the latest version of WinCCU. Works fine with PCCU. This has now been resolved.

- 3830 – CFX file output when "ALL data" is selected. Issue fixed. While outputting data from Archive to CFX, if "All Data" selection was made, did not capture data from the whole date range. Resolved

- 3879 – LogPeriod in LT Edit View for days with partial collection. Issue fixed. This is same as modification 3732 which deals with archive files. This deals with LT DB files. There is a display problem when viewing LT DB, in particular the log period data for partial days collect always ends with the contract hour.

- 3953 –Corrected issue where Pulse count value was erroneously limited to 99,999 to correct an editor issue that was causing a calculation error. Pulse count value limit now set to one trillion.

3.1.17 WinCCU Version 6.11.2

3.1.17.1   Fixes/Modifications

- 3718 – A modification was made pertaining to the import attached XML feature. In the previous iteration, under the Meter Log Period report within the Reports section, when the user selected a date range and then went to preview the report, the seconds were being displayed in the Minutes column of the Log Period End Time. The modification now allows for the correct time elements to be displayed in their corresponding columns.

- 3727 – Implemented a modification that corrected an exception error that occurred when the user attempted to perform a historical collection for three days and selected all meters in the ID group and further selected archive and lotermd as the outputs. The issue was related to the SQL long term database and has been corrected.

- 3732 – An issue existed wherein when a user viewed archive files, in particular the log period data for partial day collects, it would always end with the contract hour. For example, if the contract hour was 7 am and a 1 day collect was done at 10:30 am, the last line in the log period data will show the last collection time as "10:00 to 11:00". After that, if two days later another 1 day collect was performed, the previously collected data would appear as a partial day collect, and the last line of the log period for that day would be displayed as "10:00 to 7:00" because 7:00 am is the contract hour. This issue has been corrected in the latest iteration of WinCCU.

- 3734 – A modification was implemented that adds an additional header to the Log Period Report for the AGA7-tube. This new header will now display Vol/Cor Vol with the proper units.

- 3735 - A modification was implemented that adds an additional header to the Daily Volume Report for the AGA7-tube. This new header will now display Vol/Cor Vol with the proper units.

- 3742 – A modification was put in place that corrects the issue that existed with the Scheduler. In previous iterations, when the user scheduled tasks, the Scheduler was performing collects for ID groups in other scheduled tasks. The modification corrects this problem so that each scheduled task only performs within the confines of what the user has established.

- 3778 – A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL ID database" during collection, the software was trying to create a new ID DB. This has now been corrected.

- 3779 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Longterm database" during collection, the software was trying to create a new LT DB. This has now been corrected.

- 3880 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Trend database" during collection, the software was trying to create a new Trend DB. This has now been corrected.

- 3881 - A modification has been implemented that corrects the issue of schedule task errors related to the SQL ID database. In previous iterations, if there is a Schedule task error related to "checking for existing SQL Alarm database" during collection, the software was trying to create a new Alarm DB. This has now been corrected.

- 3823 – A modification has been implemented that corrects the issue of WinCCU crashing when an attempt to output an archive stream file to Coastal Flow was initiated. Now, when this is attempted, the system will no longer crash.

- 3834 – Modification was initiated to correct the issue of WinCCU crashing when trend files were created by PCCU 7.13.6. This was related to the length of the trend variable name. If the name exceeded 20 characters, WinCCU would crash. This has been corrected.

- 3861 – Modification was initiated to correct the issue of WinCCU crashing whenever a meter name contained a "&" character. This would then cause the Archive/LTDB to crash WinCCU. This has subsequently been fixed in the latest version of PCCU.

3.1.18   WinCCU 6.11.1

3.1.18.1   Fixes/Modifications

- 3009 – A correction was made that now adds a meter to the Retry group when an Invalid Comm Port error was generated on a collect or poll. In previous iterations, when this error occurred, the meter was not added to the Retry group.

- 3156 – In WinCCU, if the user was using Windows 2003 Server Sp-2 and they went to create a subfolder underneath the long term database in the

winccu directory on the C:/ drive and attempted to perform an archive output to create a new long term database, the system will act like it is creating a new database file but actually does not. This has been corrected in the new iteration of WinCCU.

- 3255 – A modification has been put in place that corrects the issue of a meter not being added to the Retry group if one of the following occurred: failed to save archive (write error), failed to save archive (bad record structure) or failed to merge archive (read error). In the new iteration, if one of these errors occur, the meter is added to the Retry group.

- 3482 – A issue existed wherein an archive file would contain invalid values for items such as SP, Max. SP, etc. This was only an issue within SQL LTDB but not MS Access. The value would appear as: 1.#INF00 which is not recognized as a number in SQL. The archive file would then fail to output to the SQL LTDB, and the user would receive an error message. This issue has been corrected so that if this is encountered in the SQL LTDB, the erroneous value is changed to "9999.99".

- 3491 – A modification has been implemented that will stop WinCCU from crashing when a scheduled task is using multiple instances of CPC and one of the CPCs does not respond with valid data. Now, the meter that does not respond is sent to the Retry group.

- 3569 – An issue existed wherein there was a problem viewing certain laptop files with stream data. This occurred when a laptop file was collected by PCCU 7.12.3 with associated stream data. This issue has been corrected so that this information can now be viewed.

- 3602 – A modification has been implemented that corrects the issue of editing LTDB. Originally, after the edit is complete, the cursor was not moving, by default, to the Comments field. Instead, the user would have to manually click in the field to complete their comments. This has been corrected in the latest iteration WinCCU.

- 3610 – In previous iterations of WinCCU, the Forced Login feature was omitted. This has been corrected in the latest version of WinCCU and is now an available option.

- 3617 – In previous versions of WinCCU, during spreadsheet downloads, meters were being updated with analysis data even though they should not have been (flipping meters). This issue has been corrected in the latest version of WinCCU.

- 3644 – If the Laptop file directory path does not fall below the Archfile folder path for the Archive file path, the laptop file is not created during historical collection in previous versions of WinCCU. This has been modified in the latest iteration of WinCCU so that all laptop files will be collected to the Laptop file path as established in Setup.

- 3647 – A modification has been made in the current version of WinCCU to correct problems that were occurring with creating and printing configurable reports.

- 3674 – Modification was initiated that allows for original customer information to pre-populate from older installs when the software is updated or installed.

- 3677 – An issue existed within the Configurable Summary report wherein the type "daily flow" would not print out the grand totals for all meters if the

archive data for these meters started with a date that preceded the date range for the report. This issue has been corrected in the latest iteration of WinCCU.

- 3688 – In previous iterations of WinCCU, a "Invalid Data Structure" error would occur due to an invalid path for the Templates folder. Although this error occurred randomly, the current iteration corrects this issue for all instances.

- 3692 – A correction was made to the latest iteration of WinCCU to fix the issue of when a user logs in to the system with a password other than leaving it blank, it causes problems running Schedule Tasks. This has been corrected.

- 3712 – In a situation where several workstations were pointing to a main server that hosts the main archive files, the background thread for WinCCU running on these workstations can cause the main server to fail archive collect due to "Locked Archive File Error". This issue has been corrected in the latest iteration of WinCCU.

Power and productivity
for a better world™

ABB