UWP 3.0 Tool – Firmware revisions

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Official Release UWP 3.0 Tool 8.5.41.3 26070104 – R521

New features	-
Enhancements	-
Bug fixing	▪ ID 425 – UWP Webapp: issue reported by a customer using a specific SMTP account. ▪ ID 427 – UWP tool: the Heating Setpoint 1 couldn't be written via Modbus RTU on the Fx Zone Temperature function.

Official Release UWP 3.0 Tool 8.5.40.3 26040901 – R517

New features	-
Enhancements	-
Bug fixing	▪ ID 376 - UWP tool: when there were more than 15 different modules on the bus, the "search and add all" option no longer worked. ▪ ID 387 – UWP Webapp: the comparison between charted data of different years couldn't be performed correctly.

Official Release UWP 3.0 Tool 8.5.38.3 25061602 – R514

New features	-
Enhancements	▪ ID 152 - UWP tool: added compatibility with SBB4I2O230T6TB and SBB4I2O24T6TB modules.
Bug fixing	▪ ID 154 - UWP webapp: in the EnelX service, the client id for AWS connections was not working properly.

Official Release UWP 3.0 Tool 8.5.37.3 25050702 - R513

New features	-
Enhancements	▪ ID 44 - UWP tool: WinSCP library updated to release 6.3.7
Bug fixing	▪ ID 97 – UWP webapp: in the Azure service, the logs (Log - OK and Log - Errors) were not updated correctly. ▪ ID 116 – UWP controller: kWhac of single phase meter was always zero in EM2 server.

Official Release UWP 3.0 Tool 8.5.36.3 25022602 - R512

New features	-
Enhancements	▪ UWP tool: for the Fx System temperature function, the range of selectable values for the Antifreeze parameter is increased to +15°C ▪ SHSUCOxxx modules: released new firmware version 7
Bug fixing	▪ ID 7688 – CPY Webapp: SBPILED indicators couldn't be drawn on the drawings of the integrated CPY webapp interface

Official Release UWP 3.0 Tool 8.5.35.3 25012301– R511

New features	-
Enhancements	-
Bug fixing	▪ ID 7618 – UWP Webapp: on the report section, the special character "-" were not accepted into the field "FTP user" of a SFTP account ▪ ID 7626 – UWP Webapp: when the report template was set with layout style = TABLE, it was possible to select both ABS and DELTA of kWh variables ▪ ID 7629 – UWP Webapp: there was a discrepancy between the variables present in the history widget and the ones selected into the relevant chart

Official Release UWP 3.0 Tool 8.5.34.3 24121001 – R510

New features	▪ UWP tool: firmware revision R5 of SB2DALIT8230 module is managed
Enhancements	▪ ID 7541 – UWP Webapp: for the counter type variables, the new default on the charts is “bar” in place of “line”
Bug fixing	▪ ID 7564 – UWP Webapp: the “print chart” commands did not work ▪ ID 7583 – UWP tool: on the function Fx Smartlight, the push button set with "long click" or "Very long click" did not correctly dim the TC (Temperature color) of the ballast

Official Release UWP 3.0 Tool 8.5.33.3 24073001 - R509

New features	-
Enhancements	-
Bug fixing	▪ ID 7502 – UWP tool: all the functions that include any timer functionality with seconds, could not be controlled via Modbus by setting a value higher than 86 seconds ▪ ID 7489 – UWP tool: the Fx Zone Temperature could not get write Modbus commands

Official Release UWP 3.0 Tool 8.5.31.3 24051401 - R507

New features	-
Enhancements	▪ UWP tool: added EM580 driver support ▪ UWP tool: added DCM1 driver support
Bug fixing	▪ ID 7380 – Web app: an SMTP server different from the google one was not working properly ▪ ID 7415 – UWP controller: via Modbus client, the energy save timer of an on/off light function could not be set to a value higher than 86 seconds

Official Release UWP 3.0 Tool 8.5.30.3 24040302 – R505

New features	-
Enhancements	-
Bug fixing	▪ ID 7354 – UWP tool: BACNET service crashed using modem ▪ ID 7359 – Web app: UCS bridge functionality did not work when the password contained special characters ▪ ID 7401 – UWP controller: advanced modem settings for KPN SIM provider

Official Release UWP 3.0 Tool 8.5.28.3 240216 – R501

New features	-
Enhancements	▪ Web app: on the Azure service, for the "Upload interval" parameter, the range of selectable options is filled out with 1 min, 2 min and 5 min
Bug fixing	▪ ID 7238 – UWP tool: when livesignals mode is enabled, Delay ON and Delay OFF timers of Fx Analogue Comparator did not update their value as long as they expired ▪ ID 7290 – UWP tool: if the CPY is set as integrated, on the CPY webapp it was not possible to load background images for the drawings ▪ ID 7312 – Web app: it was not possible to create an SFTP account with User/Public Method authentication method ▪ ID 7345 – Web app: EnelX service was stopped after a connection error during pushing data

Official Release UWP 3.0 Tool 8.5.26.3 231215 – R497

New features	-
Enhancements	▪ Enel X service: New file creation for each sent log
Bug fixing	▪ ID 7218 – UWP tool: embedded drivers for CPA050 and CPA300 were not correct ▪ ID 7252 – UWP tool: on the driver test, the communication setting in “UWP Gateway” section was taken by RTU section ▪ ID 7271 – Enel X service: connection failure after firmware update ▪ ID 7254 – WebApp: in the "System Info" section, the IP address of the gateway was not completely shown ▪ ID 7262 – UWP tool: on the calendar activities, the "To" parameter was not set by default to "31 December" ▪ ID 7202 – Web app: some commands were not working as expected on the Maintenance section

Official Release UWP 3.0 Tool 8.5.25.3 231127 – R494

New features	-
Enhancements	▪ Enel X service: configuration through webapp excel file importing ▪ Enel X service: new system log management ▪ UWP tool: improvement of the “About” info window with DHCP label for devices set with dynamic IP address
Bug fixing	▪ ID 7124 - Enel X service: legacy FTP service with LoRa module variables generated an empty file ▪ ID 7199 - Web app: the measurement unit for LoRa RSSI level signal was wrong ▪ ID 7212 - UWP tool: issues with sequence A and B execution on Fx Smartlight

Official Release UWP 3.0 Tool 8.5.22.3 23092701 – R490

New features	-
Enhancements	▪ Updated Sentilo library to the latest version
Bug fixing	▪ ID 7147 - Enel X service: anomalous behaviour when creating things. ▪ ID 7152 - Enel X service: telemetry doesn't run if a valid certificate S3 or PKI is updated

Official Release UWP 3.0 Tool 8.5.21.3 23072501- R487

New features	-
Enhancements	▪ Updated Sentilo library to the latest version ▪ UWP is now an AWS IoT Core Qualified Device and has been qualified to work with AWS
Bug fixing	▪ ID 7079 - Enel X service: data sent via ethernet connection was missing in the cloud platform ▪ ID 7088 - Web server: the special Danish characters were not properly managed into the SMTP account ▪ ID 7098 - Enel X service: there was an issue with topic subscription and things creation ▪ ID 7105 - Enel X service: there was an abnormal behaviour on the things creation

Official Release UWP 3.0 Tool 8.5.20.3 23062002 – R484

New features	-
Enhancements	-
Bug fixing	▪ ID 7064 - UWP3 Tool: Sometimes the modules added manually were not assigned to the selected SH2MCG24 bus generator ▪ ID 7065 - UWP3 Tool: Sometimes the modules added manually were not assigned to the selected SH2DUG24 bus generator ▪ ID 7066 - UWP3 Tool: In the project it was not possible to change the Dupline network of a Dupline module ▪ ID 7067 – WebApp: The creation of a new report template did not work properly ▪ ID 7070 – BACnet: BACnet commands sent to the SHPOUTV224 module were not executed correctly under specific conditions ▪ ID 7072 – Modbus: Modbus commands were not executed correctly under certain special conditions

Official Release UWP 3.0 Tool 8.5.19.3 23060102 - R479

New features	▪ Enel X service: New certificate management has been implemented (from Infocert by using PKI)
Enhancements	▪ Enel X service: Input URL validation has been added ▪ Enel X service: The connectivity tests have been redesigned to comply with the new version of the platform ▪ WEBAPP: Updated JQuery library from 3.2.1 to 3.7.0
Bug fixing	▪ ID 7027- When the DNS of the controller was set to 8.8.8.8, the discovered controller was shown without Name and MAC Address (under specific conditions) ▪ ID 7036 - Web App: The kW power signal of the CPA300-DC was not correctly charted (wrong engineering unit)

Official Release UWP 3.0 Tool 8.5.18.3 23050801 – R477

New features	▪ Azure IoT Hub Service: Device Provisioning Service (DPS) feature has been added ▪ New Modbus driver: DCT1 - DC energy meter
Enhancements	▪ UWP3 Tool: The visualisation of UWPA RSSI signal has been improved in live view ▪ Added compatibility with SB2DALIT8230 firmware revision 3 ▪ The setting of BACnet Object Name has been added
Bug fixing	▪ ID 6937 – Car Park: The “getparkoccupancy” web API returned error 500 ▪ ID 6941 – Disaster recovery: both “Weekly” or “Monthly” periodic backup did not work properly ▪ ID 6957: The Fx ON/OFF light stuck on the ON status if it was retriggered while its energy save timer was counting down closed to 0 seconds ▪ ID 6962 – Web App SFTP report: It was not possible to generate the public key ▪ ID 6973 – AWS IoT Service: The data packet sent to the AWS platform was truncated ▪ ID 6961 – UWP TOOL: The copy-paste functionality of the locations did not work under specific conditions ▪ ID 6939 – Modbus protocol: In the Zone Temperature function it was possible to set a setpoint outside of the available range ▪ ID 6989 – Web App: The unused setting “Setpoint T2” has been deleted from the Dupline Temperature Regulation ▪ ID 6980 – Analogue Comparator: now it is possible to set negative threshold for electrical variables ▪ ID 6998 – Dupline dimmer: light scenes managed by UWP Tool have been aligned with Web App widget ▪ ID 7002 - Report Manager: Events were not saved if a signal was logged as event and data at the same time

Official Release UWP 3.0 Tool 8.5.14.3 23021001 – R465

New features	▪ Web APP: Login password recovery has been implemented
Enhancements	▪ [UWP30RSEXXXSE only] - Web APP: Password security strengthened by 12 mandatories characters ▪ [UWP30RSEXXXSE only] - UWP TOOL: Password security strengthened by 12 mandatories characters ▪ Web APP: The report's account selection has been improved ▪ **Cybersecurity: Added compatibility with the newest TLS certificates managed by Azure IoT Hub** ▪ **Cybersecurity: The Azure IoT service library has been updated**
Bug fixing	▪ ID 6921 – Web server: MIN and MAX variable's values were not displayed on chart when the aggregation period was set to "monthly" or "custom" ▪ ID 6922 - UWP TOOL: The discovery manager did not detect a controller in specific conditions ▪ ID 6930 – UWP TOOL: In case of a backup in progress, the relevant warning message did not appear if a configuration download had been commanded from the compile manager window ▪ ID 6933 – FTP Report: It was not possible to delete the destination folder of an FTP account ▪ ID 6934 – Em² Server Data Push: Bug fixed in the configuration sending from UWP to Em2 Server ▪ ID 6398 – UWP TOOL: Fixed "Invalid configuration file" error during the configuration download in case of MAC address mismatch between configuration file and controller

Official Release UWP 3.0 Tool 8.5.11.3 22121401 – R458

New features	▪ New Modbus driver: EM511 energy meter ▪ EnelX service: The certificates' new management has been improved and validated
Enhancements	▪ **Cybersecurity: Update of some embedded libraries** ▪ **Cybersecurity: Improvement of the software upgrade process** ▪ Fx Multigate: Invalid input signal management has been added ▪ ID 6910 – BACnet: Max present value limit for generic variables has been increased ▪ UWP 3.0 TOOL: A warning has been added in case the configuration file exceeds the size limits ▪ ID 6917 - Report Manager: Midnight format was not applied in specific conditions
Bug fixing	▪ ID 6903 - UWP 3.0 TOOL: kVAh variables were shown without engineering unit ▪ ID 6912 - UWP 3.0 TOOL – UWPM: Bug fixed in keys management in case of multiple UWPMs usage ▪ ID 6908 – Web APP: The hostname field did not manage some special characters properly ▪ ID 6914 – BACnet manager: The Dupline module BH4-RE16A4-230 was not mapped correctly ▪ ID 6915 – EnelX service: The pushed data were always referring to the same timestamp in specific conditions ▪ ID 6916 – BACnet: Some negative values were set to 0 ▪ Disaster Recovery: Bug fixed in the download via SFTP to microSD ▪ Modbus Commander: For a newly added variable was not possible to edit the field “function” ▪ Fx Multigate: The function state was ON after a system reboot

Official Release UWP 3.0 Tool 8.5.8.3 22100401 – R449

New features	-
Enhancements	▪ ID 6893 – EnelX service: Thing registration procedure improved
Bug fixing	▪ UWP 3.0 backend: An issue in the USB communication caused modem communication failure ▪ UWP 3.0 backend: An issue in the MAIA Cloud service caused registration error in the VPN portal ▪ ID 6902 – SmartLight function: the function status was misaligned after configuration download or system reboot ▪ ID 6905 – UWP 3.0 TOOL: the links to the EM530 and EM540 data sheets have been added ▪ ID 6906 – Web APP: the first kWh (d) aggregation value of the selected period was not displayed on the chart

Official Release UWP 3.0 Tool 8.5.6.3 22091201 – R446

New features	-
Enhancements	▪ UWP 3.0 TOOL: a warning has been added (including a specific “How to” link) in the compilation window in case of invalid configuration due to duplicated IDs
Bug fixing	▪ ID 6882 – Web APP: when creating a report, the progress state was not shown in specific conditions ▪ ID 6891 – Web APP: total values were not displayed in graphs with counter variables ▪ ID 6895 – Report manager: the file header text was wrong ▪ ID 6898 – Report manager: monthly reports showed wrong delta energy value in specific conditions

Official Release UWP 3.0 Tool 8.5.4.3 22072701 – R435

New features	-
Enhancements	▪ **Cybersecurity: Software Legal Notices added in the Web App** ▪ **Cybersecurity: Hardening of the Modbus Bridge service** ▪ Car Park: improved login page visualization on low resolution monitors
Bug fixing	▪ ID 6880 - Report Manager: historical reports did not show the number of samples metrics ▪ ID 6884 - Report Manager: system crash occurred in specific conditions when the "ALL VARIABLES" flag was ON ▪ ID 6885 – Backup: issues with NTFS formatted USB sticks ▪ ID 6889 – Database: samples were saved with the wrong timestamp in specific conditions

Official Release UWP 3.0 Tool 8.5.2.3 22062101 – R427

New features	▪ EnelX push services: simil-realtime, recovery flag and certificates reset have been implemented
Enhancements	▪ Car Park: added the setting of digital bay names ▪ Car Park: updated the car park Tool manual ▪ BACnet: increased number of COV subscriptions from 500 to 1000 ▪ Modem management: added a field to define the host for the ping reboot function ▪ SW Upgrade: improved user messaging
Bug fixing	▪ ID 4965 – Data logging: double samples for one (or more) signals were saved randomly ▪ ID 6805 – Car Park: no alarm status on Car Park server if MCG disconnects from the UWP 3.0 ▪ ID 6834 – Networking: solved bug when using dyndns ▪ ID 6844 – MAIA Cloud: device registration process enhanced ▪ ID 6860 – EnelX protocol: improved the management of MQTT client network and any related errors ▪ ID 6863 – Car Park: display pop-ups were blocked in the Web APP ▪ ID 6867 – Data logging: event logs for configured signals were missing ▪ ID 6869 – Web APP - widgets: calendar actions not shown when the language is set to Swedish ▪ UWP 3.0 TOOL: improvement on Modbus bridge management ▪ SD2DUG24: improved management of digital outputs spread between different DUG networks ▪ Sentilo: fixed bug on the relevant service

Official Release UWP 3.0 Tool 8.5.0.3 22042701 – R413

New features	-
Enhancements	▪ **Cybersecurity: important cybersecurity fixes and hardening of some embedded services**
Bug fixing	▪ ID 6838 - MAIA Cloud: improved Activation Key management ▪ ID 6836 - EnelX MQTT: improved behaviour in the case of networking issues ▪ ID 6827 - EnelX MQTT: improved behaviour in the case of client disconnection ▪ ID 6831 - Sentilo API: MODBUS Slave mapping improvements ▪ ID 6839 - Cybersecurity: fixed factory reset wrong behaviour ▪ ID 6840 - Cybersecurity: the system did not reboot after a disaster recovery restore ▪ ID 6842 - Web APP: updated label management on real time widgets

Official Release UWP 3.0 Tool 8.4.17.3 22041501 - R397

New features	-
Enhancements	▪ **Cybersecurity: general enhancements**
Bug fixing	▪ ID 6791 - Modbus Commander: fixed wrong behaviour adding a new bit field variable ▪ ID 6806 - Sofia protocol: solved service enabling issues ▪ ID 6828 - WEB App: functions can not be added to either existing or new dashboard

Official Release UWP 3.0 Tool 8.4.16.3 22032501 - R391

New features	-
Enhancements	▪ **Cybersecurity: important cybersecurity fixes and hardening of some embedded services** ▪ UWP-M/UWP-A: Updated compatibility to UWP-M/UWP-A firmware rel. 1.3.3
Bug fixing	▪ ID 6772 - UWP 3.0 Tool: Fixed wrong behaviour in location filtering ▪ ID 6787 - Report Manager: FTP report file doesn't contain all variables in specific conditions ▪ ID 6788 - Report Manager: Wrong last midnight timestamp check within empty intervals ▪ ID 6789 – BACnet: the EDE file "Object-Types" did not show first ten object type codes ▪ ID 6790 – Database: Huge delay in database updates in specific conditions ▪ ID 6797 - Modbus Commander: EM50 - Wrong power scaling for the 1P-LN configuration variables ▪ ID 6800 - UWP 3.0 Tool: Temporary directory cleaning ▪ ID 6802 - UWP 3.0 Tool: Last scan date not valid in the “Submaster diagnostic” window

Official Release UWP 3.0 Tool 8.4.14.3 22012601 - R379

New features	▪ Car Park function upgrade: generic digital input management via Smart Dupline® integration
Enhancements	▪ General improvement of the Sentilo protocol implementation
Bug fixing	▪ ID 6760 - Car Park: Mismatch in report management for DPO and MZC functions ▪ ID 6764 - MAIA Cloud: MAIA Cloud client service watchdog hardened ▪ ID 6769 - UWPA/UWPM: There was an internal service issue in specific conditions when uploading an UWPA configuration from UCS ▪ ID 6770 - Data Push: There was a delay in specific conditions while sending data via Data Push service ▪ ID 6767 - Car Park: DPO settings of "Highest" entering and "Highest" exiting cars numbers in live signals did not work as expected ▪ ID 6771 - MAIA Cloud: Hardening of the VPN client service

Official Release UWP 3.0 Tool 8.4.11.3 21111801 - R373

New features	▪ Fire Dampers additional functions
Enhancements	▪ ID 6718 - Cybersecurity: Host key security enhancement ▪ ID 6726 - Reporting: Retention time for report files increased ▪ ID 6750 - EDP service: Update default endpoint address
Bug fixing	▪ ID 6730 - WEB App: After a firmware upgrade, the "System Info" page wrongly displayed an "available upgrade" notice ▪ ID 6711 - Car Park: Configuration download stuck in specific conditions

Official Release UWP 3.0 Tool 8.4.10.3 21102702 - R371

New features	-
Enhancements	▪ Compatibility with BDA-RE13A-U rev.3 ▪ Compatibility with SH2RE16A4 rev.4
Bug fixing	▪ ID 6704 - Backend: Wrong scaling of totalizers in specific conditions ▪ ID 6715 - UWP 3.0 Tool: Errors during configuration download in specific conditions ▪ ID 6712 - UWP 3.0 Tool: Wrong warning message "Your UWP device has the 0.0.0.0 release" displayed in specific conditions ▪ ID 6719 - Backend: Hardening of the HTTPD process watchdog ▪ ID 6686 - CP3App: Icons go back to default settings for display on "Drawing" after sending configuration to CPY server second time from Tool ▪ ID 6688 - Driver EM271 D2: changed overflow value ▪ ID 6689 - Data Push: Data were sent to server with delay ▪ ID 6690 - Embedded CPY: Error message in the UWP 3.0 Tool when sending configuration to the embedded CPY Server ▪ ID 6706 - CP3App-WEBAPI: when change category to a bay the display showed a wrong counting value ▪ ID 6714 - BACnet: In specific conditions the "BACnet visibility" tick did not appear for signals mapped in BACnet ▪ ID 6717 - WEB App: Wrong time-base displayed on Events charts in specific conditions

Official Release UWP 3.0 Tool 8.4.8.3 21090302 - R363

New features	-
Enhancements	▪ ID 6612 - Modbus Commander-Driver for EM50: Configurations 2P and 1P added
Bug fixing	▪ ID 6680 - History widget-Math function: The status was updated only during the configuration startup ▪ ID 6658 - Report Manager: Reports were not recovered in case of delivery error, in peculiar conditions ▪ ID 6682 - Disaster Recovery: Automatic backup on SD card in peculiar conditions, the procedure couldn't end, causing system hanging

Official Release UWP 3.0 Tool 8.4.6.3 21072102 - R353

New features	-
Enhancements	▪ UWP 3.0 Tool: VPN reboot alert, when users update time/date ▪ UWP-M: Updated compatibility to UWP-M firmware rel. 1.2.2 ▪ Modbus Commander: New driver version for EM300_FAMILY, EM330_SFA, EM340_SFA (interframe time 50 ms) ▪ Azure, AWS connectors: Removal of the "Hello IoT World" message ▪ Cybersecurity: Redundant watchdog added onto VPN client
Bug fixing	▪ ID 4475 - UWP 3.0 Tool: Missing object in the BACnet map ▪ ID 6637 - Data Push: Missing samples for aggregated data (monthly, yearly) ▪ ID 6639 - UWP 3.0 Tool: Internet Status icon was not updated in specific conditions ▪ ID 6641 - Maia Cloud: VPN client crash in specific conditions ▪ ID 6648 - UWP 3.0 Tool: "Network started" field shows an error while downloading the configuration to the controller ▪ ID 6669 - Fx DPO: Wrong behaviour in specific conditions ▪ ID 6673 – Car Park: “Exceeded MZC max value” error appears while updating MZC values via API ▪ Upgrader: Upgrader crash in specific conditions ▪ Upgrader: Wrong release check in specific conditions

Official Release UWP 3.0 Tool 8.4.5.3 21070502 - R350

New features	- Fire Damper additional fail safe function
Enhancements	▪ ID 6642 - UWP-A / M: UWP 3.0 is now compatible with UWP-M North America's new FW version (1.2.2)
Bug fixing	▪ ID 5924 - Fx Sequence: It does not work as expected, in peculiar conditions ▪ ID 6548 - Modbus Commander: The Modbus Commander does not update the driver version in an existing configuration after the driver activation ▪ ID 6621 - Web APP: If only SHPINNI2 have been used in the configuration, it is not possible to create any dashboard ▪ ID 6626 - Web APP: Wrong HTML tags on the "Remember me" warning message ▪ ID 6633 - UWP 3.0 Tool: Wrong ID for System Function when compiling ▪ ID 6635 - UWP 3.0 Tool: Tool crashes after adding or deleting custom locations in specific condition ▪ ID 6636 - MAIA Cloud: UWP 3.0 could not connect to VPN after license renewal ▪ ID 6647 - UWP 3.0 Tool: in specific conditions functions were not visible in the location tree

Official Release UWP 3.0 Tool 8.4.4.3 21060902 - R346

New features	-
Enhancements	-
Bug fixing	▪ ID 6602 - Report Manager: Wrong time interval in Monthly scheduled reports ▪ ID 6607 - Datalogger: Wrong timestamp in Daily and Monthly aggregation tables ▪ ID 6610 - Data-Push services: Duplicated timestamps in specific conditions ▪ ID 6614 - UWP 3.0 Tool: Configuration download failure after upgrading from 8.4.1.3 to 8.4.2.3 ▪ ID 6618 - UWP 3.0 Tool: "Update available" button still present after installing the updated firmware ▪ ID 6631 - UWP stuck after uploading a configuration with Modbus Master enabled

Official Release UWP 3.0 Tool 8.4.2.3 21051704 - R342

New features	▪ ID 6320 - UWP-M: UWP-M North America compatibility
Enhancements	▪ ID 6592 - Car Park: Digital CP button should not be visible ▪ ID 6590 - Security: Password policy changed for Web-App in UWP 3.0 Standard version
Bug fixing	▪ ID 6611 - Database: Missing monthly aggregated values ▪ ID 6601 - Fx Switch: "Disable Automation" did not disable local calendar for switch function ▪ ID 6599 - WEB-App: Impossible Login after having imported a web-server backup made with version 8.3.3.3 or older ▪ ID 6593 - Modbus Commander: Changing the type of a Modbus variable in a custom driver did not work in specific conditions ▪ ID 6591 - Report Manager: A variable with a sample time longer than one hour could not be exported ▪ ID 6588 - UWP 3.0 Tool: Occasional UWP 3.0 Tool crash during module search ▪ Cybersecurity: Update to OpenSSL 1.1.1k ▪ Cybersecurity: OpenVPN updated to openssl 1.1

Official Release UWP 3.0 Tool 8.4.1.3 21042201- R339

New features	-
Enhancements	▪ ID 6540 - BACnet: BACnet report & EDE files now show the function names for almost all tags ▪ ID 6578 – Cybersecurity: Protected Web-App password reset function (forgotten password use case)
Bug fixing	▪ ID 6562 - UWP3.0 Tool: UWP 3.0 Tool stopped sending configuration at 60% and then failed ▪ ID 6564 - CPY Server: CPY showed “disconnected” status despite working correctly ▪ ID 6243 - UWP-M: Timestamp values on live signals were not shown ▪ ID 6560 - UWP-M: Time shift between UWP-A data and logged ▪ ID 6569 - Cybersecurity: Query error updating the firmware to the secure connection ▪ ID 6556 - Modem: SH2UMMF124 modem does not support “noAuth” option ▪ ID 6563 - Mail/SMS: Empty email body in some peculiar cases ▪ ID 6568 - UI: Missing translation on some UI sections ▪ ID 6571 - Fx MZC: Last status value did not appear in MZC function after power down ▪ ID 6573 - Internal: Process crash if dynamic DNS password was corrupted ▪ ID 6574 - Networking: Random characters were stored in the DB, while saving network parameters ▪ ID 6575 - Report Manager: TEMDIS module temperature signals were missing from reports ▪ ID 6576 - Report Manager: Improved management of variables with different sampling time in reports ▪ ID 6577 - IoT: Could not disable Sentilo data-push from a configuration where it was enabled ▪ ID 6580 - Report Manager: Solved FTP report delivery failure while using ‘AUTH SSL’ ▪ ID 6583 - UWP3 Tool: Solved a configuration download issue due to file mismatch

Official Release UWP 3.0 Tool 8.4.0.3 21033001- R334

New features	▪ ID 6393 - MAIA Cloud compatibility ▪ ID 6451 - New EM530 family compatibility ▪ ID 6452 - New EM540 family compatibility ▪ Generic - New UWP 3.0 SE (Security Enhanced) model, with security capabilities verified to level SILVER by UL
Enhancements	▪ UWP3 controller - Cyber security: only connections with TLS version 1.2 onwards are supported ▪ ID 6464 - Networking: DynDNS always updatable ▪ ID 6483 - Networking: Now noAuth registration allowed for modems ▪ ID 6460 - Networking: Improved IP setting procedure (USB or SD media are not needed anymore) ▪ ID 6426 - Modbus Commander: Now the Import functions allows to select and import all the custom drivers created with former software versions ▪ ID 6434 - Charts: Improved chart plotting when aggregation time smaller than sampling time ▪ ID 6478 - Configuration: Faster configuration upload time

Bug fixing	▪ ID 6422 - MCG: No TCP/IP devices could be added if 7 MCG devices are present, in some specific cases ▪ ID 6440 - Modbus commander: It was not possible to edit the ROLLOVER field in specific cases ▪ ID 6459 - BACnet: Delay step action was missing ▪ ID 6473 - BACnet: IP address was not updated after having changed from STATIC to DHCP ▪ ID 6472 - Mail: UWP 3.0's name wrongly set as NULL in the test-mail body ▪ ID 6472 - Mail: Test-mail body was wrongly formatted and rejected by mail servers in some cases ▪ ID 6448 - Mail: Test-mail with wrong IP in some cases ▪ ID 6448 - Modbus Commander: Wrong variable limits after copying the WM15 driver

Important note*: due to cybersecurity needs, after upgrading the system to this release it will not be possible to rollback to the previous versions.

Official Release UWP 3.0 Tool 8.3.5.3 21021501 - R322

New features	▪ ID 6406 - Cybersecurity: Reset to factory settings function ▪ ID 6451/2 - Modbus Commander: Added drivers for family EM530 - EM540
Enhancements	▪ ID 6432 - Cybersecurity: Possible to disable SSL certificate check for compliance with specific SMTP servers
Bug fixing	▪ N/A - Cybersecurity: Improvements for UWP 3.0 hardening ▪ ID 6424 - Web-App: Energy Summary dashboard, fix on variable names display ▪ ID 6442 - Web-App: Charts, fix on mismatch between Modbus data and counter data with 1 hour aggregation ▪ ID 6438 - Web-App: Charts, fix on mismatch between charts and reports ▪ ID 6433 - Web-App: Charts, fix on plot vs background display issue ▪ ID 6446 - Car Park: impossible to upload map image - fixed ▪ ID 6468 - Disaster Recovery: Fixed UWP 3.0 Tool could crash when Disater Recovery was enabled ▪ ID 6467 - UWP 3.0 Tool: Timeout error on configuration upload ▪ ID 6469 - SFTP: Abnormal termination of SFTP report delivery ▪ ID 6470 - UWP 3.0 Tool: Web-App password overwrite after reboot by UWP 3.0 Tool ▪ ID 6453 - Rest-API: Issues in data and events Rest-API requests ▪ ID 6454 - Fx-Smartlight: Wrong ON/OFF sequence when presence timer and PIR are in use ▪ ID 6479 - Report Manager: Email report files can be corrupted

Important note*: due to cybersecurity needs, after upgrading the system to this release it will not be possible to rollback to the previous versions.

Official Release UWP 3.0 Tool 8.3.3.3 20120901 - R308

New features	▪ ID 6334 - Car Park: The Indicators category can be changed in the scheduler, so to manage working days and holidays ▪ ID 6379 - Modem: Added support for USB modem Teltonika TRM240
Enhancements	▪ Various - Cybersecurity: Cumulative cybersecurity improvements, to harden UWP 3.0 against man-in-the-middle cyber-attacks
Bug fixing	▪ ID 6328 - Disaster Recovery: the backup could not be performed due to a wrong "No space left on microSD" alert ▪ ID 6352 - Modules discovery: discovery held in "updating" status and could not detect any connected sub-master ▪ ID 6353 - Fx Simulated Habitation: the function stopped working correctly after the fifth week of playback

Important note: due to cybersecurity needs, after upgrading the system to this release it will not be possible to rollback to the previous versions.

Official Release UWP 3.0 Tool 8.3.2.3 20110501 - R301

New features	▪ ID 6237 - Security: Upload of HTTPS certificates to the embedded web-server
Enhancements	▪ ID 6003 - Security: Improvement in SSH host keys management ▪ ID 6290 - Security: Improvement in the Push service security ▪ ID 6288 - Security: Improvement in the Web-Server security ▪ ID 6290 - Security: Improvement in VPN-support service security
Bug fixing	▪ ID 6303 - Wrong default DNS settings ▪ ID 6298 - Fx Smartlight: issues into advanced field "Disable automation" ▪ ID 6311 - WebServer crash after configuration download ▪ ID 6324 - Inaccurate event timestamp recording in Playback function ▪ ID 6322 - Not possible to manually modify the SP after the adjustment via BACnet ▪ ID 6302 - Web APP: The DNS setting does not show the right setting when using "Get DNS server automatically" ▪ ID 6305 - Fx Math: wrong feedback during the compilation of the configuration file ▪ ID 6307 - EM300 and EM100 families: wrong AC current sign ▪ ID 6315 -The phase of single-phase energy meters is missing after configuration reading / opening ▪ ID 6316 - Not possible to open the configuration file that contains a SD2DUG24 driver by UWP 3.0 Tool ▪ ID 6304 - Fx Smartlight: Off command should have priority over Room presence delay command ▪ ID 6317 - UWP 3.0 Tool crash in specific conditions during the Upgrade process ▪ ID 6318 - No release notes shown during Upgrade in some conditions ▪ ID 6326 - Upgrade issues when a USB key was plugged in

Official Release UWP 3.0 Tool 8.3.1.3 20100503 - R298

New features	▪ ID 5895 - UWP 3.0 Disaster Recovery Procedure ▪ ID 5772 - Automatic UWP 3.0 TOOL Upgrade ▪ ID 5847 - UCS Modbus bridge via UWP 3.0
Enhancements	▪ ID 6280 - Security: Updated openssl 1.0.2u ▪ ID 6281 - Security: Updated openssh 8.3.p1 ▪ ID 6244 - Updated SBP2WREP230's icon and datasheets ▪ ID 6284 - AWS: Unwanted connection established with Amazon server after controller boot
Bug fixing	▪ ID 6265 - Security UL-OS-2: Solved DHCP client vulnerability ▪ ID 6266 - Security UL-OS-1: Solved DHCP information disclosure ▪ ID 6264 - Security UL-AZR-1: Improved TLS connection in Azure connection ▪ ID 6306 - UWP3 Tool: Sending e-mail did not work

Official Release UWP 3.0 Tool 8.2.13.3 20091501- R295

New features	-
Bug fixing	▪ Fixed bug that caused connection problem between configuration Tool and controller ▪ A wrong EM330/EM340 tariffs updating via BACnet controller has been fixed ▪ UWP3 Tool: the “Invalid configuration file error" message was shown when downloading the configuration ▪ UWP3 Security: the HTTP connection can be disabled by user ▪ UWP3 Web-App: kWh (differential) value did not appear on the report when exporting data from chart dashboard

Official Release UWP 3.0 Tool 8.2.11.3 20072801 - R286

New features	▪ UWP 3.0 is now compliant with the Enel X IoT Hub ▪ UWP3 Web-App: added support of Polish language ▪ UWP3 Tool: added support of Polish language ▪ Added the SBB2I fire damper module
Enhancements	▪ UWP3 Web-App: updated Czech and Slovak translations ▪ UWP3 Tool: there were missing translation messages ▪ Car Park: Updated internal CPY Server to version 2.3.3 ▪ UWP Ctrl: Improved SmartDuplineServer performances
Bug fixing	▪ AWS service: a wrong management of connections closing has been fixed ▪ UWP3 Tool: the “Group phase” value of the meters was not saved in the configuration file ▪ AWS service: controller time change issues have been fixed ▪ Azure service: wrong IP address was contained in the data packet ▪ UWP3 Tool: unexpected behaviour of the Astronomical clock function occurred after temporary power-cycling of the controller ▪ Azure service: controller time change issues have been fixed ▪ UWP3 Tool - Modbus TCP slave map: new management of invalid values* ▪ UWP3 Web-App - History widget: yearly aggregation shown wrong days in the X axis ▪ UWP3 Web-App - History widget: variable disappeared from the chart when aggregating data was selected ▪ AWS service: wrong IP address was contained in the data packet ▪ UWP3 Tool - web server permissions: there was a missing translation in the Switch function command parameter ▪ UWP3 Tool - Em2 Server: the meter names were wrongly managed during configuration upload ▪ UWP3 Tool -Data Push Em2 Server: temporary power-cycling of the controller caused data push updates to begin from set "Start date" value ▪ UWP3 Tool -Zone Intruder alarm: the “disarming” and the “pre-alarm” countdown values were stuck on Live Signals ▪ UWP3 Tool - BACnet: the counter signals were wrongly mapped as binary inputs ▪ Data push: the "Log OK" and "Log error" pages did not show any log ▪ UWP3 Tool used to crash while deleting a location ▪ UWP3 Web-App: the energy chart page did not show the first day when monthly aggregation was selected ▪ Report Manager: monthly chart shown a different amount of kWh compared to the monthly report

**Note: the maximum allowed value is shown in case of invalid status of the signal*

Official Release UWP 3.0 Tool 8.2.9.3 20032703 - R268

New features	▪ Added driver for EM50 energy meter
Enhancements	▪ Updated BACnet stack to 1.19 Softdel *
Bug fixing	▪ UWP3 Tool - Report Manager: the generated report did not appear on the history tab when a large number of variables are selected

**Note: up to 500 BACnet objects can be managed*

Official Release UWP 3.0 Tool 8.2.8.3 20032001- R266

New features	▪ Added support for the new firmware release of the following modules: - SHA4XLS4TH (rev.5) - SBP2DI48524 (rev.2) - SHPINA224 (rev.2) ▪ Car Park: updated internal CPY Server to version 2.2.3 ▪ UWP3 Tool Cyber security: http protocol can be disabled
Enhancements	▪ UWP3 controller -Cyber security: updated TLS certificate to version 1.3 ▪ UWP3 Tool -Cyber security: the password protection methods have been improved
Bug fixing	▪ UWP3 Tool - Switch function: the “Action” field was wrongly exported in the .csv Modbus map ▪ UWP3 Tool - Modbus Commander: the SHOWEAGPS driver did not appear in the module list ▪ UWP3 Tool - Smartlight: the colour temperature changed to 255 Mirek in any predefined Scenario when using a push button for colour dimming action ▪ UWP3 Tool: the Smartlight function status was not shown in Live Signals in a multi-configuration when changing from one configuration to another ▪ UWP3 Tool - Modbus map: empty file if the SHE5XLS2TEMDIS signals were added ▪ UWP3 Tool: the Energy save timer status was not shown in Live Signals ▪ UWP3 Tool - EM2 Server: the number of records managed during the energy meters configuration sending was wrong

Official Release UWP 3.0 Tool 8.2.6.3 20022101- R250

New features	▪ UWP3 Tool: new Command display feature in the Switch function to handle custom messages in the DISxRSE CP3 displays(1) ▪ Car Park: Updated internal CPY Server to version 2.1.3 ▪ UWP3 Tool: added support for SBB4I2O24B and SBB4I2O230B firedamper modules ▪ UWP3 Tool: added the “Ongoing network synchronization” string for LoRa variables ▪ UWP3 Tool: added a panel with database dimension and data retention time estimation ▪ UWP3 Web-App: added a welcome tutorial for the creation of dashboards, widgets and charts
Enhancements	▪ UWP3 Tool: updated ITA/ENG translations ▪ UWP3 Tool: added support for the latest UWPM firmware (rev.1.0.1) ▪ UWP3 Tool: updated SBB4Ixx icons and datasheets ▪ UWP3 Tool: updated the Reset configuration icon ▪ UWP3 Tool: Improved diagnostic management of the SB2DALIT8230 module UWP3 Web-App: web browser cache does not need to be cleaned before configuring the Web-App ▪ UWP3 Tool - Modbus Commander: the management of analogue and digital variables has been improved

Bug fixing	▪ UWP3 Web-App: “last 7 days” and “last 12 months” reports are now correctly displayed ▪ UWP3 Tool: it was not possible to add WM15 and CPA050 devices to the project ▪ UWP3 Tool: it was not possible to move the functions on the Functions window ▪ UWP3 Tool: it was not possible to pause the active sequences ▪ UWP3 Tool: drivers created by means of the VMUC and imported in the UWP3 Tool did not send generic variables to EM² Server ▪ UWP3 Tool: signals of the SHE5XLS2TEMDIS and SHA4XLS2TEMDIS modules were not exported in the .csv Modbus map ▪ UWP3 Tool - EM² Server: time reference mismatch between EM² Server and UWP3 controller ▪ UWP3 Tool: real-time widgets did not show the name of the custom devices if added in the Modbus Commander ▪ UWP3 Tool: all the signals of modules mapped in Modbus were not exported in the Modbus.csv file ▪ UWP3 Tool: It was not possible to import Modbus xml files directly from another controller using DynDNS address ▪ UWP3 Tool - EM² Server: wrong columns order for all generic variables data pushed to EM² Server ▪ UWP3 Tool: WM20 TCP driver did not appear in the module list ▪ UWP3 Tool: It was not possible to edit the Astronomical clock function via Live Signals (the compass parameters were missing) ▪ UWP3 Web-App: wrong engineering unit for THD variables was shown on real time and history widgets ▪ UWP3 Tool: tool crashed while importing Modbus TCP variables with a specific configuration ▪ UWP3 Web-App: it was not possible to access the calendar of the Zone Temperature functions ▪ UWP3 Tool - Modbus Commander: Invalid Value field did not accept some values ▪ UWP3 Tool: IP address was not correctly managed when set with extra "zeros" ▪ UWP3 Web-App: wrong data aggregation on charts ▪ UWP3 Tool - Modbus Commander: after deleting a large number of variables in a SIU-MBM01-160 driver, it was not possible to edit and build it again ▪ UWP3 Tool: Switch and Program functions mapped in Modbus were not imported onto another UWP 3 controller using the Modbus import functionalities ▪ UWP3 Tool - Modbus Commander: analogue output variables disappeared from the driver

Official Release UWP 3.0 Tool 8.2.3.3 19121201- R231

New features	▪ Web-App: added Total kWh amount in energy charts ▪ UWP3 Tool: added support for SBB4I2O230T, SBB4I2O24T, SBB4I2O230T6, SBB4I2O24T6 firedamper modules ▪ UWP3 Tool-Database: added a panel with data retention time estimation
Enhancements	▪ UWP3 Tool: improved live signals performances (now it is possible to enable the live signals for highlighted modules) ▪ UWP3 Tool: updated Danish translations ▪ Web-App: updated Italian translations ▪ UWP3 Tool - Counter Function: increased the max limit for the digital signals
Bug fixing	▪ BACnet: the wrong part number was shown by doing a discovery ▪ Push services timestamp issues (IOT, AWS etc.) ▪ UWP3 Tool: Tool crashed while adding an energy meter to the project with different configurations ▪ UWP3 Tool - Modbus Commander: engineering unit field did not manage the apostrophe ▪ UWP3 Tool: the Mexico City time-zone was not recognized ▪ UWP3 Tool: SIN address was set to 000.000.000 by adding a smart Dupline module manually ▪ UWP3 Tool-Counter function: max value changed when the configuration was read from the controller ▪ UWP3 Tool: added chunk-based configuration file saving to avoid corrupted files ▪ UWP3 Tool: test SMS was not sent randomly ▪ UWP3 Tool: Send configuration to internal CPY did not work when the DHCP or mini USB were used ▪ UWP3 Tool - Modbus Commander: The EM210_A5 driver did not appear in the list ▪ UWP3 Tool: legacy EM24 Modbus driver did not work properly ▪ UWP3 Tool: sometimes the Tool shows an error while uploading the configuration from controller ▪ UWP3 Tool: it was not possible to write a project because the download button was disabled (added reset configuration command in the program setup window) ▪ UWP3 Tool: Smoke detector diagnostic signal shows invalid status ▪ Web-App: auto dashboard deletion after logout from the UWP3 controller ▪ UWP3 Tool: SH2UMMF124 modem did not work properly

Official Release UWP 3.0 Tool 8.2.1.3.R216 19101802- R216	
New features	▪ Added driver for WM15 Energy meter ▪ Added new driver for EM330 SFA, EM340 SFA, EM111 SFA, EM112 SFA ▪ Added support for USB modem DIGICOM 4G USB and the relevant brand new UWP-MODEM-KIT items ▪ Added support of Czech and Slovak languages
Enhancements	▪ UWP3 Tool: Added information of used IP address when using data connection ▪ Web-App: Added information of used IP address when using data connection ▪ Added export of diagnostic variables in Modbus and BACnet for SBP2MCG24 and UWPMM1UL1X submaster modules ▪ Web-App: It was not possible to access the home page in case of void configuration ▪ CP3App: Some labels were still reporting SBP2WEB ▪ Updated translations ▪ Updated internal CPY to version 1.9.3
Bug fixing	▪ UWP3 Tool-Database: Monthly data were not completely erased by using partial "Reset database" parameter ▪ The super-frame flag was not checked when a super-frame driver was imported ▪ Car Park: The "M2M Address" value was erroneously changed when UWP3 Tool is connected to controllers ▪ Wrong behaviour of charts if a null value was present in historic database ▪ Web-App: Web server access denied if a password with the special character "&" was used ▪ Web-App: The UTC, time and date values in the "J" column of the FTP report were incorrectly set by changing the time zone. ▪ Web-App: Calendar icon was not shown in the temperature zone widget ▪ Web App: Min/Max data samples for "Last 12 Months" and Max data samples were missing for "Last 7 Days" custom chart ▪ Web-App-Chart: "Differential" for "m3" related variables were not exported while creating a custom chart ▪ UWP3 Tool - Data Push: Added check for DB presence before adding it to push list ▪ UWP3 Tool - Modbus Commander: Tool used to crash while modifying "TEMPLATE-1P" driver's copied version ▪ The Modem Manager process used to crash ▪ EM271 D2 driver: “PF sys” was wrongly managed for SYS groups for 3P/3.1P and 3P/6.1P configurations

Official Release UWP 3.0 Tool 8.1.2.3.R198 19090301- R198	
New features	▪ Added support for SBB4I fire damper input module ▪ The SBB4I can be imported from an Excel file ▪ Smart Light: added the possibility to set an energy save timer via BACnet ▪ Smart Light: added the possibility to activate S2, S3, S4 and S5 scenarios via BACnet ▪ Web-App: added a default page with a comprehensive chart template for first time users ▪ Updated Car Park CPY server to rev. 1.8.3
Enhancements	▪ BACnet: added the possibility to change the COV increment threshold for analogue input variables ▪ MODBUS COMMANDER: the driver testing function in the Modbus Commander has been revamped
Bug fixing	▪ Car Park: wrong value shown on CP2 displays ▪ Car Park: CPY Server does not start correctly after importing an old CPY database backup ▪ The UWP 3.0 Tool does not save a configuration containing Modbus Output Bridge functions ▪ Web-App Report: missing columns if only average/delta data are exported ▪ Modbus Commander: error while importing a driver containing variables with different reading frequency

Official Release UWP 3.0 Tool 8.1.1.3.R157 19062402 -R157

New features	-
Enhancements	▪ Modbus Commander: enhanced driver test procedure for output frames ▪ Updated icons for digital signals in the Web-App ▪ Updated languages (ESP, FRA, ITA)
Bug fixing	▪ Fixed bug on Smart Light function: The Disable timer parameter was not visible in the Disable automation window ▪ Fixed bug on Energy Summary chart: energy values were not shown ▪ Fixed bug on Dupline Dimmer function: the dimmer switched off every 34 seconds ▪ Fixed bug Car Park calibration window: default sensors settings corrected ▪ Fixed bug on Database Configuration: once enabled Min/Max for a variable, it was not possible to disable it ▪ Fixed bug on Modbus Master: it was not possible to read lux-value from one controller to another ▪ Fixed bug on Wireless modules: LQI and SIN visualization issues ▪ Fixed bug for EM270: wrong PFsys reading of SUM group in EM270 ▪ Fixed bug on Modbus Commander: Tool crashed while applying a different language ▪ Fixed bug on Modbus Commander: Tool crashed while testing a newly created driver ▪ Fixed bug on Modbus Commander: invalid formula values used for new variables ▪ Fixed bug on Modbus Commander: Modbus registers order was wrongly managed for 64bits variables in the driver test ▪ Fixed bug on Modbus Commander: using a digital driver, the writing function worked only for the first Coil ▪ Fixed bug on configuration tool: some variable labels caused third party software integration problems ▪ Fixed bug on Web-App charts: monthly and yearly aggregation showed wrong values ▪ Fixed bug on the Web-App: chart template page showed the energy peak of the previous day ▪ Fixed bug on Sentilo Protocol: the register type "unsignedInt64" was managed as "UInt64" ▪ Fixed bug on API: wrong management of the “last” parameter

Official Release UWP 3.0 Tool 8.1.0.3.R146 19052201 -R146	
New features	▪ The Modbus Driver Editor has evolved into the Modbus Commander, introducing the complete management of digital I/O over Modbus and the capability of both writing and reading registers via Modbus ▪ UWP3.0 is now compliant with AWS IoT, the Amazon Iot Hub ▪ The SH2RE1A424 can now be imported from the excel file
Enhancements	▪ Updated datasheets of SHJWINS04, SHJWD200Exxx, SHJWRE10AExxx and SHJWEM16Axxx modules ▪ Updated languages (DAN, ESP, DEU, FRA) ▪ Updated Azure IoT Hub library (version 1.2.13) ▪ Improved wireless modules LQI management ▪ Updated Carpark CPY server to rev.1.6.3 ▪ Improved WM14 Advanced driver, adding the parity management. ▪ All the locations collapse during the project loading
Bug fixing	▪ Fixed bug on the Modbus map creation: all counter variables type read as UInt64 are now also published as UInt64 ▪ Fixed bug on VMU-E driver – shunt configuration: wrong kWh variable management. ▪ Fixed bug on the Modbus Commander Test page: wrong Float variable conversion. ▪ Fixed bug on Legacy FTP report type: the status row was missing. ▪ Fixed bug on Legacy FTP report type: the kW dmd MAX column was missing. ▪ Fixed bug on Modbus Commander: the driver copy was causing a tool crash. ▪ Fixed bug on custom locations: they were not shown on the locations list. ▪ Fixed bug on charts: wrong average calculation in case of NULL values. ▪ Fixed bug related to the Switch function usage from the web server with the User account. ▪ Fixed bug: SMS commands for the data connection management were not working. ▪ Fixed bug related to the values rounding on charts. ▪ Fixed bug: Analink signal of Dupline modules was exported as binary input. ▪ Fixed bug on the Modbus Commander: not possible to select Control variables on the scale form. ▪ Fixed bug on the Modbus Commander: wrong management of drivers created by UCS. ▪ Fixed bug on the Modbus Commander: scale factors do not support negative values. ▪ Fixed bug on the Modbus Commander: wrong Byte High / Byte Low management. ▪ Fixed bug on charts: wrong engineering units for generic variables. ▪ Fixed bug on SIN assignment of a manually added wireless module ▪ Fixed bug on SHJWINS04 wireless module configuration ▪ Fixed bug on report creation: empty file in case of all variable selection. ▪ Fixed bug: deleting car park sensors from a line causes them to be not added to the same line again. ▪ Fixed bug on Azure IoT Hub: connection strings with special chars cannot be saved.

Official Release UWP 3.0 Tool 8.0.3.3.R118 19022701 -R118

New features	▪ Extended list of modules that can be imported via Excel File; new items are: - SHPINV2T1P124 - SHPOUTV224 - SHPINNI2 - SHSUTD - SHSUTHD ▪ Added support for USB modem TeleOrigin RB900L (3G only)
Bug fixing	▪ It was not possible to create graphs/reports containing counter functions values. ▪ The configuration tool used to crash while adding a wireless module. ▪ The relay module showed invalid status after writing the configuration. ▪ Parameters written in live signals were lost when reading the configuration in Light and Smart Light functions. ▪ DHCP did not work after a reboot. ▪ Email delivery used to fail with “Out of memory” message. ▪ Random activation of the “Disable automation” command. ▪ Diagnostic signals were not updated on Modbus. ▪ Differential values were not exported in the Reports. ▪ UWP 3.0 Tool lost connection when sending configuration through SH2DSP24 USB modem. ▪ “Reset default web app” function in the Web-App did not work.

Official Release UWP 3.0 Tool 8.0.2.3.R102 190101101 -R102

Enhancements	▪ About window: Wrong network parameters refresh
Bug fixing	▪ On Discovery window the DHCP parameters was wrongly managed ▪ The Relationship field was wrongly managed ▪ Fixed bug on SMTP account saving ▪ Fixed bug on DNS IP saving ▪ Legacy FTP push – Some devices were not managed ▪ Wrong password management using iCloud Keychain on iOS devices ▪ Fixed bug on data push command request ▪ Fixed bug on MDE when using French language

Beta Release UWP 3.0 Tool 8.0.2.2.RC01 18120301 -R097

New features	▪ Portuguese language added ▪ Support for USB modem Robustel M1000 USB (3G network only) ▪ Car Park: Support of SBPDIS2ARH car park display
Enhancements	▪ Possibility to filter signals on Modbus and BACnet based on activation ▪ All analogue math statuses are available ▪ Update PN of PIR360
Bug fixing	▪ Smart light energy save timer fixed ▪ Astronomical clock variables available on database ▪ Error on starting day in a calendar function ▪ “project name” unified ▪ WM20 TCP added to driver list ▪ Meter's name doesn't update after a change in the driver editor ▪ Movement signal doesn't reload the energy save timer ▪ Improper counting of used signals for Dupline ▪ Chart reports time based on the time zone ▪ Missing SHxxXLS2TEMDISU object in the Bacnet map ▪ Different value range on function settings and BACnet ▪ Time zone settings from web app is not working ▪ Web app calendar weekday and date not aligned ▪ Receivers field for scheduled reports doesn't show the full list ▪ UWP 3.0 Tool crashes when a module is added manually with right click ▪ Smart light: Slave zones don't follow the master zone during calibration of the Luxmeter ▪ Weather station lux value not updated after downloading configuration ▪ Missing samples on data push ▪ Timer function fixed ▪ Switch function NO/NC fixed ▪ Web app save account fixed ▪ Negative counter values on graphs ▪ Crash when adding BEW-TEMDIS module with no address available ▪ Unable to un-queue a finished report ▪ BACnet command doesn't work properly with smart light function ▪ Not possible to edit calendar activity in the webserver ▪ Impossible to import external UWP3 driver ▪ Reboot button doesn't work ▪ WM14 Basic driver - wrong PF readings