

# UWP 3.0 Tool – Firmware revisions

Document rev. 04/09/2023

Official Release UWP 3.0 Tool 8.5.21.3 23072501- R487	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Updated Sentilo library to the latest version</li> <li>▪ UWP is now an AWS IoT Core Qualified Device and has been qualified to work with AWS</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 7079 - Enel X service: data sent via ethernet connection was missing in the cloud platform</li> <li>▪ ID 7088 - Web server: the special Danish characters were not properly managed into the SMTP account</li> <li>▪ ID 7098 - Enel X service: there was an issue with topic subscription and things creation</li> <li>▪ ID 7105 - Enel X service: there was an abnormal behaviour on the things creation</li> </ul>

Official Release UWP 3.0 Tool 8.5.20.3 23062002 – R484	
<b>New features</b>	-
<b>Enhancements</b>	-
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 7064 - UWP3 Tool: Sometimes the modules added manually were not assigned to the selected SH2MCG24 bus generator</li> <li>▪ ID 7065 - UWP3 Tool: Sometimes the modules added manually were not assigned to the selected SH2DUG24 bus generator</li> <li>▪ ID 7066 - UWP3 Tool: In the project it was not possible to change the Dupline network of a Dupline module</li> <li>▪ ID 7067 – WebApp: The creation of a new report template did not work properly</li> <li>▪ ID 7070 – BACnet: BACnet commands sent to the SHPOUTV224 module were not executed correctly under specific conditions</li> <li>▪ ID 7072 – Modbus: Modbus commands were not executed correctly under certain special conditions</li> </ul>

Official Release UWP 3.0 Tool 8.5.19.3 23060102 - R479	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Enel X service: New certificate management has been implemented (from Infocert by using PKI)</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Enel X service: Input URL validation has been added</li> <li>▪ Enel X service: The connectivity tests have been redesigned to comply with the new version of the platform</li> <li>▪ WEBAPP: Updated JQuery library from 3.2.1 to 3.7.0</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ 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)</li> <li>▪ ID 7036 - Web App: The kW power signal of the CPA300-DC was not correctly charted (wrong engineering unit)</li> </ul>

Official Release UWP 3.0 Tool 8.5.18.3 23050801 – R477	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Azure IoT Hub Service: Device Provisioning Service (DPS) feature has been added</li> <li>▪ New Modbus driver: DCT1 - DC energy meter</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool: The visualisation of UWPA RSSI signal has been improved in live view</li> <li>▪ Added compatibility with SB2DALIT8230 firmware revision 3</li> <li>▪ The setting of BACnet Object Name has been added</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6937 – Car Park: The “getparkoccupancy” web API returned error 500</li> <li>▪ ID 6941 – Disaster recovery: both “Weekly” or “Monthly” periodic backup did not work properly</li> <li>▪ 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</li> <li>▪ ID 6962 – Web App SFTP report: It was not possible to generate the public key</li> <li>▪ ID 6973 – AWS IoT Service: The data packet sent to the AWS platform was truncated</li> <li>▪ ID 6961 – UWP TOOL: The copy-paste functionality of the locations did not work under specific conditions</li> <li>▪ ID 6939 – Modbus protocol: In the Zone Temperature function it was possible to set a setpoint outside of the available range</li> <li>▪ ID 6989 – Web App: The unused setting “Setpoint T2” has been deleted from the Dupline Temperature Regulation</li> <li>▪ ID 6980 – Analogue Comparator: now it is possible to set negative threshold for electrical variables</li> <li>▪ ID 6998 – Dupline dimmer: light scenes managed by UWP Tool have been aligned with Web App widget</li> <li>▪ ID 7002 - Report Manager: Events were not saved if a signal was logged as event and data at the same time</li> </ul>

Official Release UWP 3.0 Tool 8.5.14.3 23021001 – R465	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Web APP: Login password recovery has been implemented</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ [UWP30RSEXXXSE only] - Web APP: Password security strengthened by 12 mandatories characters</li> <li>▪ [UWP30RSEXXXSE only] - UWP TOOL: Password security strengthened by 12 mandatories characters</li> <li>▪ Web APP: The report's account selection has been improved</li> <li>▪ <b>Cybersecurity: Added compatibility with the newest TLS certificates managed by Azure IoT Hub</b></li> <li>▪ <b>Cybersecurity: The Azure IoT service library has been updated</b></li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ 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"</li> <li>▪ ID 6922 - UWP TOOL: The discovery manager did not detect a controller in specific conditions</li> <li>▪ 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</li> <li>▪ ID 6933 – FTP Report: It was not possible to delete the destination folder of an FTP account</li> <li>▪ ID 6934 – Em<sup>2</sup> Server Data Push: Bug fixed in the configuration sending from UWP to Em2 Server</li> <li>▪ ID 6398 – UWP TOOL: Fixed "Invalid configuration file" error during the configuration download in case of MAC address mismatch between configuration file and controller</li> </ul>

Official Release UWP 3.0 Tool 8.5.11.3 22121401 – R458	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ New Modbus driver: EM511 energy meter</li> <li>▪ EnelX service: The certificates' new management has been improved and validated</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ <b>Cybersecurity: Update of some embedded libraries</b></li> <li>▪ <b>Cybersecurity: Improvement of the software upgrade process</b></li> <li>▪ Fx Multigate: Invalid input signal management has been added</li> <li>▪ ID 6910 – BACnet: Max present value limit for generic variables has been increased</li> <li>▪ UWP 3.0 TOOL: A warning has been added in case the configuration file exceeds the size limits</li> <li>▪ ID 6917 - Report Manager: Midnight format was not applied in specific conditions</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6903 - UWP 3.0 TOOL: kVAh variables were shown without engineering unit</li> <li>▪ ID 6912 - UWP 3.0 TOOL – UWPM: Bug fixed in keys management in case of multiple UWPMs usage</li> <li>▪ ID 6908 – Web APP: The hostname field did not manage some special characters properly</li> <li>▪ ID 6914 – BACnet manager: The Dupline module BH4-RE16A4-230 was not mapped correctly</li> <li>▪ ID 6915 – EnelX service: The pushed data were always referring to the same timestamp in specific conditions</li> <li>▪ ID 6916 – BACnet: Some negative values were set to 0</li> <li>▪ Disaster Recovery: Bug fixed in the download via SFTP to microSD</li> <li>▪ Modbus Commander: For a newly added variable was not possible to edit the field “function”</li> <li>▪ Fx Multigate: The function state was ON after a system reboot</li> </ul>

Official Release UWP 3.0 Tool 8.5.8.3 22100401 – R449	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6893 – EnelX service: Thing registration procedure improved</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ UWP 3.0 backend: An issue in the USB communication caused modem communication failure</li> <li>▪ UWP 3.0 backend: An issue in the MAIA Cloud service caused registration error in the VPN portal</li> <li>▪ ID 6902 – SmartLight function: the function status was misaligned after configuration download or system reboot</li> <li>▪ ID 6905 – UWP 3.0 TOOL: the links to the EM530 and EM540 data sheets have been added</li> <li>▪ ID 6906 – Web APP: the first kWh (d) aggregation value of the selected period was not displayed on the chart</li> </ul>

Official Release UWP 3.0 Tool 8.5.6.3 22091201 – R446	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6882 – Web APP: when creating a report, the progress state was not shown in specific conditions</li> <li>▪ ID 6891 – Web APP: total values were not displayed in graphs with counter variables</li> <li>▪ ID 6895 – Report manager: the file header text was wrong</li> <li>▪ ID 6898 – Report manager: monthly reports showed wrong delta energy value in specific conditions</li> </ul>

Official Release UWP 3.0 Tool 8.5.4.3 22072701 – R435	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ <b>Cybersecurity: Software Legal Notices added in the Web App</b></li> <li>▪ <b>Cybersecurity: Hardening of the Modbus Bridge service</b></li> <li>▪ Car Park: improved login page visualization on low resolution monitors</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6880 - Report Manager: historical reports did not show the number of samples metrics</li> <li>▪ ID 6884 - Report Manager: system crash occurred in specific conditions when the "ALL VARIABLES" flag was ON</li> <li>▪ ID 6885 – Backup: issues with NTFS formatted USB sticks</li> <li>▪ ID 6889 – Database: samples were saved with the wrong timestamp in specific conditions</li> </ul>

Official Release UWP 3.0 Tool 8.5.2.3 22062101 – R427	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ EnelX push services: simil-realtime, recovery flag and certificates reset have been implemented</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Car Park: added the setting of digital bay names</li> <li>▪ Car Park: updated the car park Tool manual</li> <li>▪ BACnet: increased number of COV subscriptions from 500 to 1000</li> <li>▪ Modem management: added a field to define the host for the ping reboot function</li> <li>▪ SW Upgrade: improved user messaging</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 4965 – Data logging: double samples for one (or more) signals were saved randomly</li> <li>▪ ID 6805 – Car Park: no alarm status on Car Park server if MCG disconnects from the UWP 3.0</li> <li>▪ ID 6834 – Networking: solved bug when using dyndns</li> <li>▪ ID 6844 – MAIA Cloud: device registration process enhanced</li> <li>▪ ID 6860 – EnelX protocol: improved the management of MQTT client network and any related errors</li> <li>▪ ID 6863 – Car Park: display pop-ups were blocked in the Web APP</li> <li>▪ ID 6867 – Data logging: event logs for configured signals were missing</li> <li>▪ ID 6869 – Web APP - widgets: calendar actions not shown when the language is set to Swedish</li> <li>▪ UWP 3.0 TOOL: improvement on Modbus bridge management</li> <li>▪ SD2DUG24: improved management of digital outputs spread between different DUG networks</li> <li>▪ Sentilo: fixed bug on the relevant service</li> </ul>

Official Release UWP 3.0 Tool 8.5.0.3 22042701 – R413	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ <b>Cybersecurity: important cybersecurity fixes and hardening of some embedded services</b></li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6838 - MAIA Cloud: improved Activation Key management</li> <li>▪ ID 6836 - EnelX MQTT: improved behaviour in the case of networking issues</li> <li>▪ ID 6827 - EnelX MQTT: improved behaviour in the case of client disconnection</li> <li>▪ ID 6831 - Sentilo API: MODBUS Slave mapping improvements</li> <li>▪ ID 6839 - Cybersecurity: fixed factory reset wrong behaviour</li> <li>▪ ID 6840 - Cybersecurity: the system did not reboot after a disaster recovery restore</li> <li>▪ ID 6842 - Web APP: updated label management on real time widgets</li> </ul>

Official Release UWP 3.0 Tool 8.4.17.3 22041501 - R397	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ <b>Cybersecurity: general enhancements</b></li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6791 - Modbus Commander: fixed wrong behaviour adding a new bit field variable</li> <li>▪ ID 6806 - Sofia protocol: solved service enabling issues</li> <li>▪ ID 6828 - WEB App: functions can not be added to either existing or new dashboard</li> </ul>

Official Release UWP 3.0 Tool 8.4.16.3 22032501 - R391	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ <b>Cybersecurity: important cybersecurity fixes and hardening of some embedded services</b></li> <li>▪ UWP-M/UWP-A: Updated compatibility to UWP-M/UWP-A firmware rel. 1.3.3</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6772 - UWP 3.0 Tool: Fixed wrong behaviour in location filtering</li> <li>▪ ID 6787 - Report Manager: FTP report file doesn't contain all variables in specific conditions</li> <li>▪ ID 6788 - Report Manager: Wrong last midnight timestamp check within empty intervals</li> <li>▪ ID 6789 – BACnet: the EDE file "Object-Types" did not show first ten object type codes</li> <li>▪ ID 6790 – Database: Huge delay in database updates in specific conditions</li> <li>▪ ID 6797 - Modbus Commander: EM50 - Wrong power scaling for the 1P-LN configuration variables</li> <li>▪ ID 6800 - UWP 3.0 Tool: Temporary directory cleaning</li> <li>▪ ID 6802 - UWP 3.0 Tool: Last scan date not valid in the "Submaster diagnostic" window</li> </ul>

Official Release UWP 3.0 Tool 8.4.14.3 22012601 - R379	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Car Park function upgrade: generic digital input management via Smart Dupline® integration</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ General improvement of the Sentilo protocol implementation</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6760 - Car Park: Mismatch in report management for DPO and MZC functions</li> <li>▪ ID 6764 - MAIA Cloud: MAIA Cloud client service watchdog hardened</li> <li>▪ ID 6769 - UWPA/UWPM: There was an internal service issue in specific conditions when uploading an UWPA configuration from UCS</li> <li>▪ ID 6770 - Data Push: There was a delay in specific conditions while sending data via Data Push service</li> <li>▪ ID 6767 - Car Park: DPO settings of "Highest" entering and "Highest" exiting cars numbers in live signals did not work as expected</li> <li>▪ ID 6771 - MAIA Cloud: Hardening of the VPN client service</li> </ul>

Official Release UWP 3.0 Tool 8.4.11.3 21111801 - R373	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Fire Dampers additional functions</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6718 - Cybersecurity: Host key security enhancement</li> <li>▪ ID 6726 - Reporting: Retention time for report files increased</li> <li>▪ ID 6750 - EDP service: Update default endpoint address</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6730 - WEB App: After a firmware upgrade, the "System Info" page wrongly displayed an "available upgrade" notice</li> <li>▪ ID 6711 - Car Park: Configuration download stuck in specific conditions</li> </ul>



Official Release UWP 3.0 Tool 8.4.10.3 21102702 - R371	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Compatibility with BDA-RE13A-U rev.3</li> <li>▪ Compatibility with SH2RE16A4 rev.4</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6704 - Backend: Wrong scaling of totalizers in specific conditions</li> <li>▪ ID 6715 - UWP 3.0 Tool: Errors during configuration download in specific conditions</li> <li>▪ ID 6712 - UWP 3.0 Tool: Wrong warning message "Your UWP device has the 0.0.0.0 release" displayed in specific conditions</li> <li>▪ ID 6719 - Backend: Hardening of the HTTPD process watchdog</li> <li>▪ ID 6686 - CP3App: Icons go back to default settings for display on "Drawing" after sending configuration to CPY server second time from Tool</li> <li>▪ ID 6688 - Driver EM271 D2: changed overflow value</li> <li>▪ ID 6689 - Data Push: Data were sent to server with delay</li> <li>▪ ID 6690 - Embedded CPY: Error message in the UWP 3.0 Tool when sending configuration to the embedded CPY Server</li> <li>▪ ID 6706 - CP3App-WEBAPI: when change category to a bay the display showed a wrong counting value</li> <li>▪ ID 6714 - BACnet: In specific conditions the "BACnet visibility" tick did not appear for signals mapped in BACnet</li> <li>▪ ID 6717 - WEB App: Wrong time-base displayed on Events charts in specific conditions</li> </ul>

Official Release UWP 3.0 Tool 8.4.8.3 21090302 - R363	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6612 - Modbus Commander-Driver for EM50: Configurations 2P and 1P added</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6680 - History widget-Math function: The status was updated only during the configuration startup</li> <li>▪ ID 6658 - Report Manager: Reports were not recovered in case of delivery error, in peculiar conditions</li> <li>▪ ID 6682 - Disaster Recovery: Automatic backup on SD card in peculiar conditions, the procedure couldn't end, causing system hanging</li> </ul>

Official Release UWP 3.0 Tool 8.4.6.3 21072102 - R353	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP 3.0 Tool: VPN reboot alert, when users update time/date</li> <li>▪ UWP-M: Updated compatibility to UWP-M firmware rel. 1.2.2</li> <li>▪ Modbus Commander: New driver version for EM300_FAMILY, EM330_SFA, EM340_SFA (interframe time 50 ms)</li> <li>▪ Azure, AWS connectors: Removal of the "Hello IoT World" message</li> <li>▪ Cybersecurity: Redundant watchdog added onto VPN client</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 4475 - UWP 3.0 Tool: Missing object in the BACnet map</li> <li>▪ ID 6637 - Data Push: Missing samples for aggregated data (monthly, yearly)</li> <li>▪ ID 6639 - UWP 3.0 Tool: Internet Status icon was not updated in specific conditions</li> <li>▪ ID 6641 - Maia Cloud: VPN client crash in specific conditions</li> <li>▪ ID 6648 - UWP 3.0 Tool: "Network started" field shows an error while downloading the configuration to the controller</li> <li>▪ ID 6669 - Fx DPO: Wrong behaviour in specific conditions</li> <li>▪ ID 6673 – Car Park: "Exceeded MZC max value" error appears while updating MZC values via API</li> <li>▪ Upgrader: Upgrader crash in specific conditions</li> <li>▪ Upgrader: Wrong release check in specific conditions</li> </ul>

Official Release UWP 3.0 Tool 8.4.5.3 21070502 - R350	
<b>New features</b>	- Fire Damper additional fail safe function
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6642 - UWP-A / M: UWP 3.0 is now compatible with UWP-M North America's new FW version (1.2.2)</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 5924 - Fx Sequence: It does not work as expected, in peculiar conditions</li> <li>▪ ID 6548 - Modbus Commander: The Modbus Commander does not update the driver version in an existing configuration after the driver activation</li> <li>▪ ID 6621 - Web APP: If only SHPINNI2 have been used in the configuration, it is not possible to create any dashboard</li> <li>▪ ID 6626 - Web APP: Wrong HTML tags on the "Remember me" warning message</li> <li>▪ ID 6633 - UWP 3.0 Tool: Wrong ID for System Function when compiling</li> <li>▪ ID 6635 - UWP 3.0 Tool: Tool crashes after adding or deleting custom locations in specific condition</li> <li>▪ ID 6636 - MAIA Cloud: UWP 3.0 could not connect to VPN after license renewal</li> <li>▪ ID 6647 - UWP 3.0 Tool: in specific conditions functions were not visible in the location tree</li> </ul>

Official Release UWP 3.0 Tool 8.4.4.3 21060902 - R346	
<b>New features</b>	-
<b>Enhancements</b>	-
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6602 - Report Manager: Wrong time interval in Monthly scheduled reports</li> <li>▪ ID 6607 - Datalogger: Wrong timestamp in Daily and Monthly aggregation tables</li> <li>▪ ID 6610 - Data-Push services: Duplicated timestamps in specific conditions</li> <li>▪ ID 6614 - UWP 3.0 Tool: Configuration download failure after upgrading from 8.4.1.3 to 8.4.2.3</li> <li>▪ ID 6618 - UWP 3.0 Tool: "Update available" button still present after installing the updated firmware</li> <li>▪ ID 6631 - UWP stuck after uploading a configuration with Modbus Master enabled</li> </ul>

Official Release UWP 3.0 Tool 8.4.2.3 21051704 - R342	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 6320 - UWP-M: UWP-M North America compatibility</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6592 - Car Park: Digital CP button should not be visible</li> <li>▪ ID 6590 - Security: Password policy changed for Web-App in UWP 3.0 Standard version</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6611 - Database: Missing monthly aggregated values</li> <li>▪ ID 6601 - Fx Switch: "Disable Automation" did not disable local calendar for switch function</li> <li>▪ ID 6599 - WEB-App: Impossible Login after having imported a web-server backup made with version 8.3.3.3 or older</li> <li>▪ ID 6593 - Modbus Commander: Changing the type of a Modbus variable in a custom driver did not work in specific conditions</li> <li>▪ ID 6591 - Report Manager: A variable with a sample time longer than one hour could not be exported</li> <li>▪ ID 6588 - UWP 3.0 Tool: Occasional UWP 3.0 Tool crash during module search</li> <li>▪ Cybersecurity: Update to OpenSSL 1.1.1k</li> <li>▪ Cybersecurity: OpenVPN updated to openssl 1.1</li> </ul>

Official Release UWP 3.0 Tool 8.4.1.3 21042201- R339	
<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6540 - BACnet: BACnet report &amp; EDE files now show the function names for almost all tags</li> <li>▪ ID 6578 – Cybersecurity: Protected Web-App password reset function (forgotten password use case)</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6562 - UWP3.0 Tool: UWP 3.0 Tool stopped sending configuration at 60% and then failed</li> <li>▪ ID 6564 - CPY Server: CPY showed “disconnected” status despite working correctly</li> <li>▪ ID 6243 - UWP-M: Timestamp values on live signals were not shown</li> <li>▪ ID 6560 - UWP-M: Time shift between UWP-A data and logged</li> <li>▪ ID 6569 - Cybersecurity: Query error updating the firmware to the secure connection</li> <li>▪ ID 6556 - Modem: SH2UMMF124 modem does not support “noAuth” option</li> <li>▪ ID 6563 - Mail/SMS: Empty email body in some peculiar cases</li> <li>▪ ID 6568 - UI: Missing translation on some UI sections</li> <li>▪ ID 6571 - Fx MZC: Last status value did not appear in MZC function after power down</li> <li>▪ ID 6573 - Internal: Process crash if dynamic DNS password was corrupted</li> <li>▪ ID 6574 - Networking: Random characters were stored in the DB, while saving network parameters</li> <li>▪ ID 6575 - Report Manager: TEMDIS module temperature signals were missing from reports</li> <li>▪ ID 6576 - Report Manager: Improved management of variables with different sampling time in reports</li> <li>▪ ID 6577 - IoT: Could not disable Sentilo data-push from a configuration where it was enabled</li> <li>▪ ID 6580 - Report Manager: Solved FTP report delivery failure while using ‘AUTH SSL’</li> <li>▪ ID 6583 - UWP3 Tool: Solved a configuration download issue due to file mismatch</li> </ul>

Official Release UWP 3.0 Tool 8.4.0.3 21033001- R334	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 6393 - MAIA Cloud compatibility</li> <li>▪ ID 6451 - New EM530 family compatibility</li> <li>▪ ID 6452 - New EM540 family compatibility</li> <li>▪ Generic - New UWP 3.0 SE (Security Enhanced) model, with security capabilities verified to level SILVER by UL</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 controller - Cyber security: only connections with TLS version 1.2 onwards are supported</li> <li>▪ ID 6464 - Networking: DynDNS always updatable</li> <li>▪ ID 6483 - Networking: Now noAuth registration allowed for modems</li> <li>▪ ID 6460 - Networking: Improved IP setting procedure (USB or SD media are not needed anymore)</li> <li>▪ ID 6426 - Modbus Commander: Now the Import functions allows to select and import all the custom drivers created with former software versions</li> <li>▪ ID 6434 - Charts: Improved chart plotting when aggregation time smaller than sampling time</li> <li>▪ ID 6478 - Configuration: Faster configuration upload time</li> </ul>

<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6422 - MCG: No TCP/IP devices could be added if 7 MCG devices are present, in some specific cases</li> <li>▪ ID 6440 - Modbus commander: It was not possible to edit the ROLLOVER field in specific cases</li> <li>▪ ID 6459 - BACnet: Delay step action was missing</li> <li>▪ ID 6473 - BACnet: IP address was not updated after having changed from STATIC to DHCP</li> <li>▪ ID 6472 - Mail: UWP 3.0's name wrongly set as NULL in the test-mail body</li> <li>▪ ID 6472 - Mail: Test-mail body was wrongly formatted and rejected by mail servers in some cases</li> <li>▪ ID 6448 - Mail: Test-mail with wrong IP in some cases</li> <li>▪ ID 6448 - Modbus Commander: Wrong variable limits after copying the WM15 driver</li> </ul>
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***\*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

<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 6406 - Cybersecurity: Reset to factory settings function</li> <li>▪ ID 6451/2 - Modbus Commander: Added drivers for family EM530 - EM540</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6432 - Cybersecurity: Possible to disable SSL certificate check for compliance with specific SMTP servers</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ N/A - Cybersecurity: Improvements for UWP 3.0 hardening</li> <li>▪ ID 6424 - Web-App: Energy Summary dashboard, fix on variable names display</li> <li>▪ ID 6442 - Web-App: Charts, fix on mismatch between Modbus data and counter data with 1 hour aggregation</li> <li>▪ ID 6438 - Web-App: Charts, fix on mismatch between charts and reports</li> <li>▪ ID 6433 - Web-App: Charts, fix on plot vs background display issue</li> <li>▪ ID 6446 - Car Park: impossible to upload map image - fixed</li> <li>▪ ID 6468 - Disaster Recovery: Fixed UWP 3.0 Tool could crash when Disaster Recovery was enabled</li> <li>▪ ID 6467 - UWP 3.0 Tool: Timeout error on configuration upload</li> <li>▪ ID 6469 - SFTP: Abnormal termination of SFTP report delivery</li> <li>▪ ID 6470 - UWP 3.0 Tool: Web-App password overwrite after reboot by UWP 3.0 Tool</li> <li>▪ ID 6453 - Rest-API: Issues in data and events Rest-API requests</li> <li>▪ ID 6454 - Fx-Smartlight: Wrong ON/OFF sequence when presence timer and PIR are in use</li> <li>▪ ID 6479 - Report Manager: Email report files can be corrupted</li> </ul>

***\*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	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 6334 - Car Park: The Indicators category can be changed in the scheduler, so to manage working days and holidays</li> <li>▪ ID 6379 - Modem: Added support for USB modem Teltonika TRM240</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Various - Cybersecurity: Cumulative cybersecurity improvements, to harden UWP 3.0 against man-in-the-middle cyber-attacks</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6328 - Disaster Recovery: the backup could not be performed due to a wrong "No space left on microSD" alert</li> <li>▪ ID 6352 - Modules discovery: discovery held in "updating" status and could not detect any connected sub-master</li> <li>▪ ID 6353 - Fx Simulated Habitation: the function stopped working correctly after the fifth week of playback</li> </ul>
<p><i>*Important note: due to cybersecurity needs, after upgrading the system to this release it will not be possible to rollback to the previous versions.*</i></p>	

Official Release UWP 3.0 Tool 8.3.2.3 20110501 - R301	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 6237 - Security: Upload of HTTPS certificates to the embedded web-server</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6003 - Security: Improvement in SSH host keys management</li> <li>▪ ID 6290 - Security: Improvement in the Push service security</li> <li>▪ ID 6288 - Security: Improvement in the Web-Server security</li> <li>▪ ID 6290 - Security: Improvement in VPN-support service security</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6303 - Wrong default DNS settings</li> <li>▪ ID 6298 - Fx Smartlight: issues into advanced field "Disable automation"</li> <li>▪ ID 6311 - WebServer crash after configuration download</li> <li>▪ ID 6324 - Inaccurate event timestamp recording in Playback function</li> <li>▪ ID 6322 - Not possible to manually modify the SP after the adjustment via BACnet</li> <li>▪ ID 6302 - Web APP: The DNS setting does not show the right setting when using "Get DNS server automatically"</li> <li>▪ ID 6305 - Fx Math: wrong feedback during the compilation of the configuration file</li> <li>▪ ID 6307 - EM300 and EM100 families: wrong AC current sign</li> <li>▪ ID 6315 -The phase of single-phase energy meters is missing after configuration reading / opening</li> <li>▪ ID 6316 - Not possible to open the configuration file that contains a SD2DUG24 driver by UWP 3.0 Tool</li> <li>▪ ID 6304 - Fx Smartlight: Off command should have priority over Room presence delay command</li> <li>▪ ID 6317 - UWP 3.0 Tool crash in specific conditions during the Upgrade process</li> <li>▪ ID 6318 - No release notes shown during Upgrade in some conditions</li> <li>▪ ID 6326 - Upgrade issues when a USB key was plugged in</li> </ul>

Official Release UWP 3.0 Tool 8.3.1.3 20100503 - R298	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ ID 5895 - UWP 3.0 Disaster Recovery Procedure</li> <li>▪ ID 5772 - Automatic UWP 3.0 TOOL Upgrade</li> <li>▪ ID 5847 - UCS Modbus bridge via UWP 3.0</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ ID 6280 - Security: Updated openssl 1.0.2u</li> <li>▪ ID 6281 - Security: Updated openssh 8.3.p1</li> <li>▪ ID 6244 - Updated SBP2WREP230's icon and datasheets</li> <li>▪ ID 6284 - AWS: Unwanted connection established with Amazon server after controller boot</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ ID 6265 - Security UL-OS-2: Solved DHCP client vulnerability</li> <li>▪ ID 6266 - Security UL-OS-1: Solved DHCP information disclosure</li> <li>▪ ID 6264 - Security UL-AZR-1: Improved TLS connection in Azure connection</li> <li>▪ ID 6306 - UWP3 Tool: Sending e-mail did not work</li> </ul>

Official Release UWP 3.0 Tool 8.2.13.3 20091501- R295	
<b>New features</b>	-
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ Fixed bug that caused connection problem between configuration Tool and controller</li> <li>▪ A wrong EM330/EM340 tariffs updating via BACnet controller has been fixed</li> <li>▪ UWP3 Tool: the "Invalid configuration file error" message was shown when downloading the configuration</li> <li>▪ UWP3 Security: the HTTP connection can be disabled by user</li> <li>▪ UWP3 Web-App: kWh (differential) value did not appear on the report when exporting data from chart dashboard</li> </ul>

## Official Release UWP 3.0 Tool 8.2.11.3 20072801 - R286

<b>New features</b>	<ul style="list-style-type: none"> <li>▪ UWP 3.0 is now compliant with the Enel X IoT Hub</li> <li>▪ UWP3 Web-App: added support of Polish language</li> <li>▪ UWP3 Tool: added support of Polish language</li> <li>▪ Added the SBB2I fire damper module</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Web-App: updated Czech and Slovak translations</li> <li>▪ UWP3 Tool: there were missing translation messages</li> <li>▪ Car Park: Updated internal CPY Server to version 2.3.3</li> <li>▪ UWP Ctrl: Improved SmartDuplineServer performances</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ AWS service: a wrong management of connections closing has been fixed</li> <li>▪ UWP3 Tool: the "Group phase" value of the meters was not saved in the configuration file</li> <li>▪ AWS service: controller time change issues have been fixed</li> <li>▪ Azure service: wrong IP address was contained in the data packet</li> <li>▪ UWP3 Tool: unexpected behaviour of the Astronomical clock function occurred after temporary power-cycling of the controller</li> <li>▪ Azure service: controller time change issues have been fixed</li> <li>▪ UWP3 Tool - Modbus TCP slave map: new management of invalid values*</li> <li>▪ UWP3 Web-App - History widget: yearly aggregation shown wrong days in the X axis</li> <li>▪ UWP3 Web-App - History widget: variable disappeared from the chart when aggregating data was selected</li> <li>▪ AWS service: wrong IP address was contained in the data packet</li> <li>▪ UWP3 Tool - web server permissions: there was a missing translation in the Switch function command parameter</li> <li>▪ UWP3 Tool - Em2 Server: the meter names were wrongly managed during configuration upload</li> <li>▪ UWP3 Tool -Data Push Em2 Server: temporary power-cycling of the controller caused data push updates to begin from set "Start date" value</li> <li>▪ UWP3 Tool -Zone Intruder alarm: the "disarming" and the "pre-alarm" countdown values were stuck on Live Signals</li> <li>▪ UWP3 Tool - BACnet: the counter signals were wrongly mapped as binary inputs</li> <li>▪ Data push: the "Log OK" and "Log error" pages did not show any log</li> <li>▪ UWP3 Tool used to crash while deleting a location</li> <li>▪ UWP3 Web-App: the energy chart page did not show the first day when monthly aggregation was selected</li> <li>▪ Report Manager: monthly chart shown a different amount of kWh compared to the monthly report</li> </ul>

*\*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

<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Added driver for EM50 energy meter</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Updated BACnet stack to 1.19 Softdel *</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool - Report Manager: the generated report did not appear on the history tab when a large number of variables are selected</li> </ul>

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



Official Release UWP 3.0 Tool 8.2.8.3 20032001- R266	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Added support for the new firmware release of the following modules:               <ul style="list-style-type: none"> <li>- SHA4XLS4TH (rev.5)</li> <li>- SBP2DI48524 (rev.2)</li> <li>- SHPINA224 (rev.2)</li> </ul> </li> <li>▪ Car Park: updated internal CPY Server to version 2.2.3</li> <li>▪ UWP3 Tool Cyber security: http protocol can be disabled</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 controller -Cyber security: updated TLS certificate to version 1.3</li> <li>▪ UWP3 Tool -Cyber security: the password protection methods have been improved</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool - Switch function: the “Action” field was wrongly exported in the .csv Modbus map</li> <li>▪ UWP3 Tool - Modbus Commander: the SHOWEAGPS driver did not appear in the module list</li> <li>▪ UWP3 Tool - Smartlight: the colour temperature changed to 255 Mirek in any predefined Scenario when using a push button for colour dimming action</li> <li>▪ UWP3 Tool: the Smartlight function status was not shown in Live Signals in a multi-configuration when changing from one configuration to another</li> <li>▪ UWP3 Tool - Modbus map: empty file if the SHE5XLS2TEMDIS signals were added</li> <li>▪ UWP3 Tool: the Energy save timer status was not shown in Live Signals</li> <li>▪ UWP3 Tool - EM2 Server: the number of records managed during the energy meters configuration sending was wrong</li> </ul>

Official Release UWP 3.0 Tool 8.2.6.3 20022101- R250	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool: new Command display feature in the Switch function to handle custom messages in the DISxRSE CP3 displays<sup>(1)</sup></li> <li>▪ Car Park: Updated internal CPY Server to version 2.1.3</li> <li>▪ UWP3 Tool: added support for SBB4I2O24B and SBB4I2O230B firedamper modules</li> <li>▪ UWP3 Tool: added the “Ongoing network synchronization” string for LoRa variables</li> <li>▪ UWP3 Tool: added a panel with database dimension and data retention time estimation</li> <li>▪ UWP3 Web-App: added a welcome tutorial for the creation of dashboards, widgets and charts</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool: updated ITA/ENG translations</li> <li>▪ UWP3 Tool: added support for the latest UWPM firmware (rev.1.0.1)</li> <li>▪ UWP3 Tool: updated SBB4Ixx icons and datasheets</li> <li>▪ UWP3 Tool: updated the Reset configuration icon</li> <li>▪ UWP3 Tool: Improved diagnostic management of the SB2DALIT8230 module</li> <li>▪ UWP3 Web-App: web browser cache does not need to be cleaned before configuring the Web-App</li> <li>▪ UWP3 Tool - Modbus Commander: the management of analogue and digital variables has been improved</li> </ul>

<p style="text-align: center;"><b>Bug fixing</b></p>	<ul style="list-style-type: none"> <li>▪ UWP3 Web-App: “last 7 days” and “last 12 months” reports are now correctly displayed</li> <li>▪ UWP3 Tool: it was not possible to add WM15 and CPA050 devices to the project</li> <li>▪ UWP3 Tool: it was not possible to move the functions on the Functions window</li> <li>▪ UWP3 Tool: it was not possible to pause the active sequences</li> <li>▪ UWP3 Tool: drivers created by means of the VMUC and imported in the UWP3 Tool did not send generic variables to EM<sup>2</sup> Server</li> <li>▪ UWP3 Tool: signals of the SHE5XLS2TEMDIS and SHA4XLS2TEMDIS modules were not exported in the .csv Modbus map</li> <li>▪ UWP3 Tool - EM<sup>2</sup> Server: time reference mismatch between EM<sup>2</sup> Server and UWP3 controller</li> <li>▪ UWP3 Tool: real-time widgets did not show the name of the custom devices if added in the Modbus Commander</li> <li>▪ UWP3 Tool: all the signals of modules mapped in Modbus were not exported in the Modbus.csv file</li> <li>▪ UWP3 Tool: It was not possible to import Modbus xml files directly from another controller using DynDNS address</li> <li>▪ UWP3 Tool - EM<sup>2</sup> Server: wrong columns order for all generic variables data pushed to EM<sup>2</sup> Server</li> <li>▪ UWP3 Tool: WM20 TCP driver did not appear in the module list</li> <li>▪ UWP3 Tool: It was not possible to edit the Astronomical clock function via Live Signals (the compass parameters were missing)</li> <li>▪ UWP3 Web-App: wrong engineering unit for THD variables was shown on real time and history widgets</li> <li>▪ UWP3 Tool: tool crashed while importing Modbus TCP variables with a specific configuration</li> <li>▪ UWP3 Web-App: it was not possible to access the calendar of the Zone Temperature functions</li> <li>▪ UWP3 Tool - Modbus Commander: Invalid Value field did not accept some values</li> <li>▪ UWP3 Tool: IP address was not correctly managed when set with extra "zeros"</li> <li>▪ UWP3 Web-App: wrong data aggregation on charts</li> <li>▪ 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</li> <li>▪ UWP3 Tool: Switch and Program functions mapped in Modbus were not imported onto another UWP 3 controller using the Modbus import functionalities</li> <li>▪ UWP3 Tool - Modbus Commander: analogue output variables disappeared from the driver</li> </ul>
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**Official Release UWP 3.0 Tool 8.2.3.3 19121201- R231**

<p><b>New features</b></p>	<ul style="list-style-type: none"> <li>▪ Web-App: added Total kWh amount in energy charts</li> <li>▪ UWP3 Tool: added support for SBB4I2O230T, SBB4I2O24T, SBB4I2O230T6, SBB4I2O24T6 firedamper modules</li> <li>▪ UWP3 Tool-Database: added a panel with data retention time estimation</li> </ul>
<p><b>Enhancements</b></p>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool: improved live signals performances (now it is possible to enable the live signals for highlighted modules)</li> <li>▪ UWP3 Tool: updated Danish translations</li> <li>▪ Web-App: updated Italian translations</li> <li>▪ UWP3 Tool - Counter Function: increased the max limit for the digital signals</li> </ul>
<p><b>Bug fixing</b></p>	<ul style="list-style-type: none"> <li>▪ BACnet: the wrong part number was shown by doing a discovery</li> <li>▪ Push services timestamp issues (IOT, AWS etc.)</li> <li>▪ UWP3 Tool: Tool crashed while adding an energy meter to the project with different configurations</li> <li>▪ UWP3 Tool - Modbus Commander: engineering unit field did not manage the apostrophe</li> <li>▪ UWP3 Tool: the Mexico City time-zone was not recognized</li> <li>▪ UWP3 Tool: SIN address was set to 000.000.000 by adding a smart Dupline module manually</li> <li>▪ UWP3 Tool-Counter function: max value changed when the configuration was read from the controller</li> <li>▪ UWP3 Tool: added chunk-based configuration file saving to avoid corrupted files</li> <li>▪ UWP3 Tool: test SMS was not sent randomly</li> <li>▪ UWP3 Tool: Send configuration to internal CPY did not work when the DHCP or mini USB were used</li> <li>▪ UWP3 Tool - Modbus Commander: The EM210_A5 driver did not appear in the list</li> <li>▪ UWP3 Tool: legacy EM24 Modbus driver did not work properly</li> <li>▪ UWP3 Tool: sometimes the Tool shows an error while uploading the configuration from controller</li> <li>▪ 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)</li> <li>▪ UWP3 Tool: Smoke detector diagnostic signal shows invalid status</li> <li>▪ Web-App: auto dashboard deletion after logout from the UWP3 controller</li> <li>▪ UWP3 Tool: SH2UMMF124 modem did not work properly</li> </ul>

**Official Release UWP 3.0 Tool 8.2.1.3.R216 19101802- R216**

<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Added driver for WM15 Energy meter</li> <li>▪ Added new driver for EM330 SFA, EM340 SFA, EM111 SFA, EM112 SFA</li> <li>▪ Added support for USB modem DIGICOM 4G USB and the relevant brand new UWP-MODEM-KIT items</li> <li>▪ Added support of Czech and Slovak languages</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool: Added information of used IP address when using data connection</li> <li>▪ Web-App: Added information of used IP address when using data connection</li> <li>▪ Added export of diagnostic variables in Modbus and BACnet for SBP2MCG24 and UWPMM1UL1X submaster modules</li> <li>▪ Web-App: It was not possible to access the home page in case of void configuration</li> <li>▪ CP3App: Some labels were still reporting SBP2WEB</li> <li>▪ Updated translations</li> <li>▪ Updated internal CPY to version 1.9.3</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ UWP3 Tool-Database: Monthly data were not completely erased by using partial "Reset database" parameter</li> <li>▪ The super-frame flag was not checked when a super-frame driver was imported</li> <li>▪ Car Park: The "M2M Address" value was erroneously changed when UWP3 Tool is connected to controllers</li> <li>▪ Wrong behaviour of charts if a null value was present in historic database</li> <li>▪ Web-App: Web server access denied if a password with the special character "&amp;" was used</li> <li>▪ Web-App: The UTC, time and date values in the "J" column of the FTP report were incorrectly set by changing the time zone.</li> <li>▪ Web-App: Calendar icon was not shown in the temperature zone widget</li> <li>▪ Web App: Min/Max data samples for "Last 12 Months" and Max data samples were missing for "Last 7 Days" custom chart</li> <li>▪ Web-App-Chart: "Differential" for "m3" related variables were not exported while creating a custom chart</li> <li>▪ UWP3 Tool - Data Push: Added check for DB presence before adding it to push list</li> <li>▪ UWP3 Tool - Modbus Commander: Tool used to crash while modifying "TEMPLATE-1P" driver's copied version</li> <li>▪ The Modem Manager process used to crash</li> <li>▪ EM271 D2 driver: "PF sys" was wrongly managed for SYS groups for 3P/3.1P and 3P/6.1P configurations</li> </ul>

Official Release UWP 3.0 Tool 8.1.2.3.R198 19090301- R198	
<b>New features</b>	<ul style="list-style-type: none"> <li>▪ Added support for SBB4I fire damper input module</li> <li>▪ The SBB4I can be imported from an Excel file</li> <li>▪ Smart Light: added the possibility to set an energy save timer via BACnet</li> <li>▪ Smart Light: added the possibility to activate S2, S3, S4 and S5 scenarios via BACnet</li> <li>▪ Web-App: added a default page with a comprehensive chart template for first time users</li> <li>▪ Updated Car Park CPY server to rev. 1.8.3</li> </ul>
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ BACnet: added the possibility to change the COV increment threshold for analogue input variables</li> <li>▪ MODBUS COMMANDER: the driver testing function in the Modbus Commander has been revamped</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ Car Park: wrong value shown on CP2 displays</li> <li>▪ Car Park: CPY Server does not start correctly after importing an old CPY database backup</li> <li>▪ The UWP 3.0 Tool does not save a configuration containing Modbus Output Bridge functions</li> <li>▪ Web-App Report: missing columns if only average/delta data are exported</li> <li>▪ Modbus Commander: error while importing a driver containing variables with different reading frequency</li> </ul>

**Official Release UWP 3.0 Tool 8.1.1.3.R157 19062402 -R157**

<b>New features</b>	-
<b>Enhancements</b>	<ul style="list-style-type: none"> <li>▪ Modbus Commander: enhanced driver test procedure for output frames</li> <li>▪ Updated icons for digital signals in the Web-App</li> <li>▪ Updated languages (ESP, FRA, ITA)</li> </ul>
<b>Bug fixing</b>	<ul style="list-style-type: none"> <li>▪ Fixed bug on Smart Light function: The Disable timer parameter was not visible in the Disable automation window</li> <li>▪ Fixed bug on Energy Summary chart: energy values were not shown</li> <li>▪ Fixed bug on Dupline Dimmer function: the dimmer switched off every 34 seconds</li> <li>▪ Fixed bug Car Park calibration window: default sensors settings corrected</li> <li>▪ Fixed bug on Database Configuration: once enabled Min/Max for a variable, it was not possible to disable it</li> <li>▪ Fixed bug on Modbus Master: it was not possible to read lux-value from one controller to another</li> <li>▪ Fixed bug on Wireless modules: LQI and SIN visualization issues</li> <li>▪ Fixed bug for EM270: wrong PFsys reading of SUM group in EM270</li> <li>▪ Fixed bug on Modbus Commander: Tool crashed while applying a different language</li> <li>▪ Fixed bug on Modbus Commander: Tool crashed while testing a newly created driver</li> <li>▪ Fixed bug on Modbus Commander: invalid formula values used for new variables</li> <li>▪ Fixed bug on Modbus Commander: Modbus registers order was wrongly managed for 64bits variables in the driver test</li> <li>▪ Fixed bug on Modbus Commander: using a digital driver, the writing function worked only for the first Coil</li> <li>▪ Fixed bug on configuration tool: some variable labels caused third party software integration problems</li> <li>▪ Fixed bug on Web-App charts: monthly and yearly aggregation showed wrong values</li> <li>▪ Fixed bug on the Web-App: chart template page showed the energy peak of the previous day</li> <li>▪ Fixed bug on Sentilo Protocol: the register type "unsignedInt64" was managed as "UInt64"</li> <li>▪ Fixed bug on API: wrong management of the "last" parameter</li> </ul>

**Official Release UWP 3.0 Tool 8.1.0.3.R146 19052201 -R146**

<p><b>New features</b></p>	<ul style="list-style-type: none"> <li>▪ 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</li> <li>▪ UWP3.0 is now compliant with AWS IoT, the Amazon IoT Hub</li> <li>▪ The SH2RE1A424 can now be imported from the excel file</li> </ul>
<p><b>Enhancements</b></p>	<ul style="list-style-type: none"> <li>▪ Updated datasheets of SHJWINS04, SHJWD200Exxx, SHJWRE10AExxx and SHJWEM16Axxx modules</li> <li>▪ Updated languages (DAN, ESP, DEU, FRA)</li> <li>▪ Updated Azure IoT Hub library (version 1.2.13)</li> <li>▪ Improved wireless modules LQI management</li> <li>▪ Updated Carpark CPY server to rev.1.6.3</li> <li>▪ Improved WM14 Advanced driver, adding the parity management.</li> <li>▪ All the locations collapse during the project loading</li> </ul>
<p><b>Bug fixing</b></p>	<ul style="list-style-type: none"> <li>▪ Fixed bug on the Modbus map creation: all counter variables type read as UInt64 are now also published as UInt64</li> <li>▪ Fixed bug on VMU-E driver – shunt configuration: wrong kWh variable management.</li> <li>▪ Fixed bug on the Modbus Commander Test page: wrong Float variable conversion.</li> <li>▪ Fixed bug on Legacy FTP report type: the status row was missing.</li> <li>▪ Fixed bug on Legacy FTP report type: the kW dmd MAX column was missing.</li> <li>▪ Fixed bug on Modbus Commander: the driver copy was causing a tool crash.</li> <li>▪ Fixed bug on custom locations: they were not shown on the locations list.</li> <li>▪ Fixed bug on charts: wrong average calculation in case of NULL values.</li> <li>▪ Fixed bug related to the Switch function usage from the web server with the User account.</li> <li>▪ Fixed bug: SMS commands for the data connection management were not working.</li> <li>▪ Fixed bug related to the values rounding on charts.</li> <li>▪ Fixed bug: Analink signal of Dupline modules was exported as binary input.</li> <li>▪ Fixed bug on the Modbus Commander: not possible to select Control variables on the scale form.</li> <li>▪ Fixed bug on the Modbus Commander: wrong management of drivers created by UCS.</li> <li>▪ Fixed bug on the Modbus Commander: scale factors do not support negative values.</li> <li>▪ Fixed bug on the Modbus Commander: wrong Byte High / Byte Low management.</li> <li>▪ Fixed bug on charts: wrong engineering units for generic variables.</li> <li>▪ Fixed bug on SIN assignment of a manually added wireless module</li> <li>▪ Fixed bug on SHJWINS04 wireless module configuration</li> <li>▪ Fixed bug on report creation: empty file in case of all variable selection.</li> <li>▪ Fixed bug: deleting car park sensors from a line causes them to be not added to the same line again.</li> <li>▪ Fixed bug on Azure IoT Hub: connection strings with special chars cannot be saved.</li> </ul>

**Official Release UWP 3.0 Tool 8.0.3.3.R118 19022701 -R118**

<p><b>New features</b></p>	<ul style="list-style-type: none"> <li>▪ Extended list of modules that can be imported via Excel File; new items are: <ul style="list-style-type: none"> <li>- SHPINV2T1P124</li> <li>- SHPOUTV224</li> <li>- SHPINNI2</li> <li>- SHSUTD</li> <li>- SHSUTHD</li> </ul> </li> <li>▪ Added support for USB modem TeleOrigin RB900L (3G only)</li> </ul>
<p><b>Bug fixing</b></p>	<ul style="list-style-type: none"> <li>▪ It was not possible to create graphs/reports containing counter functions values.</li> <li>▪ The configuration tool used to crash while adding a wireless module.</li> <li>▪ The relay module showed invalid status after writing the configuration.</li> <li>▪ Parameters written in live signals were lost when reading the configuration in Light and Smart Light functions.</li> <li>▪ DHCP did not work after a reboot.</li> <li>▪ Email delivery used to fail with “Out of memory” message.</li> <li>▪ Random activation of the “Disable automation” command.</li> <li>▪ Diagnostic signals were not updated on Modbus.</li> <li>▪ Differential values were not exported in the Reports.</li> <li>▪ UWP 3.0 Tool lost connection when sending configuration through SH2DSP24 USB modem.</li> <li>▪ “Reset default web app” function in the Web-App did not work.</li> </ul>

**Official Release UWP 3.0 Tool 8.0.2.3.R102 190101101 -R102**

<p><b>Enhancements</b></p>	<ul style="list-style-type: none"> <li>▪ About window: Wrong network parameters refresh</li> </ul>
<p><b>Bug fixing</b></p>	<ul style="list-style-type: none"> <li>▪ On Discovery window the DHCP parameters was wrongly managed</li> <li>▪ The Relationship field was wrongly managed</li> <li>▪ Fixed bug on SMTP account saving</li> <li>▪ Fixed bug on DNS IP saving</li> <li>▪ Legacy FTP push – Some devices were not managed</li> <li>▪ Wrong password management using iCloud Keychain on iOS devices</li> <li>▪ Fixed bug on data push command request</li> <li>▪ Fixed bug on MDE when using French language</li> </ul>



## 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