Released note for Kit Com. package named "KitCom-V01.17.00.zip"

- Charge point Firmware: V01.16.75
- Com. kit management Software: V01.16.02
- Com. kit web page Software: V01.16.01

This release note lists all the modifications made on these software since "KitCom-V01.15.00.zip".

Charge point Firmware: V01.16.75

- [OCPP] Bug fix: correct the problem of OCPP status update;
- [OCPP] Bug fix: correct the problem of state faulted/unavailable;
- [OCPP] Bug fix: Change the minimum necessary timming for button detection during plug & play;
- [OCPP] Bug fix: Resolve problem about the intial state of the connector (Available or Preparing) before/after charging;
- [OCPP][EXTERNAL METER] Bug fix: Resolve the rising of the energy index to OCPP backend ;
- [EXTERNAL METER] Bug fix: Send everysecond all the information measured by the external meter;
- [DLM] Bug fix: correct the problem of negative power;
- [DLM] Adding: put Modbus address 2 as default for left side of double charging station;
- [DLM] Bug fix: Reset the full charge status modbus register when a vehicule is disconnected from a charging station;
- [COMMUNICATION] Adding: add ping frames between communication kit and charging point to improve detection of USB disconnection;
- [TIC][EXTERNAL METER] Bug fix: Disable automaticaly the external meter and DLM if there is no kitCom connected after 1 min;
- [TIC] Bug fix: Correct error in the checksum calculation of standard TIC;
- [TIC] Bug fix: Resolve three-phase TIC management;
- [EV READY] Bug fix: EV Ready threshold corrected for minimum current of charge (7.2A in monophase and 13.2 in three-phase);
- [LOCKING MOTOR] Adding : Add the possibility to manage both SCAME and HELLA motor inside the charging station;
- [RFID] Bug fix: Reset timer when a same RFID tag is read a second time within 1 minute before the first read (1 minute);

Com. kit management Software: V01.16.02

- [COMMUNICATION] Adding: add pong frames between communication kit and charging point;
- [COMMUNICATION] Adding: For double side charging station, it is now possible to get the general informations (Serial number, reference, prod date, etc...) from 2nd side if there is a communication issue on first side;
- [COMMUNICATION] Adding: add serial event handler to better manage communication issue between kit com and motherboard;
- [COMMUNICATION] Adding: add automatic reconnexion on serial port to better manage reconnexion due to error 13;
- [COMMUNICATION] Change; Delete control RTS and CTS on serial USB port between kitcom and motherboard;

- [COMMUNICATION] Adding: Update the library used to manage serial communication between charge point and kitcom;
- [OCPP] Change: Change the way to manage OCPP configuration, it was done with XML file now it done through the web pages;
- [OCPP] Bug fix: Plug&Charge resolve the problem when customer plug two EV and try to start one of the side charge via Plug&Charge;
- [OCPP] Change: Update the Java-WebSocket library used to manage connexion with OCPP backend to 1.5.3 (previous was 1.5.2);
- [OCPP] Adding: Add a special routine to restart kitcom after 30 minutes disconnected from backend if OCPP mode is enabled;
- [OCPP] Bug fix: Solve the problem of not sending the RFID authorize in case of two side charging station when a tag is pass a second time;
- [OCPP] Bug fix: fix the control of the disconnection even when the charging station never connect before to the backend;
- [OCPP] Bug fix: go back Available status after that an Invalid RFID tag is used after a valid one before the timeout connection;
- [OCPP] Bug fix: When one of the socket pass from INOPERATIVE to OPERATIVE, add a check if there is a transaction on-going on the same side in order to not change the general status to Available but only the connectorId;
- [OCPP] Bug fix: Better control the variable that indicate if a connector is connected and the variable that indicate if a charge point is waiting for a plug insertion, this fix problem of status management;
- [OCPP] Bug fix: Accept a remoteStartTransaction.req without connectorId;
- [OCPP] Bug fix: Correct the condition to check if the OCPP Thread connection is blocked;
- [OCPP] Adding: add the management of statuNotification faulted status when serial port problem;
- [OCPP] Bug fix: Correct the condition to check if the OCPP Thread connection is blocked;
- [OCPP][RID] Change: Change the way to manage the RFID preAuthorize to take into account if a connectorId is already used;
- [RFID] Adding: Check and clear the serial port after to have receive a message ;
- [GENERAL SETTINGS] Bug fix: Correct the saving current setting after a restart of kitcom or charging station;

Com. kit web pages Software: V01.16.01:

- [NETWORK] Bug fix: Add a pop up to indicate that the kitCom will restart;
- [NETWORK] Bug fix: solve the problem of bad value because of the refresh speed of the web page, the charge point doesn't had the time to receive all message;
- [NETWORK] Change: change the writing between RS485 and Modbus in mode of charge;
- [OCPP] Change: change the configuration interface by deleting the xml file and use two text fields, one for the URL and one for the UID not more;
- [GENERAL] Adding: add information about about power inst.;
- [GENERAL] Adding: add the error 0015 to manage 6mA RCD default;
- [GENERAL] Change: change the way to manage review the reading/writing of files in kitCom where we can get an exception link to the bad reading of the main configuration file (HTPP ERROR 500);