Changelog version 25.12

COMPACT Firmware & i4Gen Software (Suite and HMI) & Box Manager Software

COMPACT

News features and improvements

DESCRIPTION	PRIME	MAINS	AMF	MASTER	MASTER 1B	BTB	BAT	HYBRID
Product redundancy function. Ability to back up each controller with a standby controller (master/slave principle). In case of master failure (such as power loss), the slave automatically takes over (so-called "hot" redundancy). See documentation.	✓	✓	✓	✓	✓	✓	✓	✓
Enhanced password security system: • New default password (if a password has been modified, it will not be overwritten during the update). • Authentication attempts blocked with a timer after 3 consecutive failures. • Minimum 6 characters, 1 special character and digits or letters.	✓	✓	✓	✓	✓	✓	✓	✓
Various J1939 improvements related to aftertreatment: • The text associated with a DTC code is now displayed instead of its code. • Aftertreatment-related measurements are now isolated in a dedicated page. • Display of lamps + flashing in the alarm/fault page.	✓	✓	✓					
It is now possible to use the speed and voltage analog outputs as a dedicated output to adapt them to your needs (see documentation).	✓	✓	✓	✓	✓	✓	✓	✓
Redesign of the load shedding function. See documentation.	✓	✓	✓	✓	✓			
It is now possible to allow the closing of multiple mains simultaneously in AUTO mode.					✓			
It is now possible to reset maintenance counters from the controller front panel.	✓	✓	✓					
It is now possible to set the scheduler (action planning) from the controller front panel.	✓	✓	✓	✓	✓	✓	✓	✓
It is now possible to acknowledge alarms/faults by pressing and holding the Alarm/Fault button on the controller front panel (no need to use the Shift button anymore).	✓	✓	✓	✓	✓	✓	✓	✓
Various improvements.	✓	✓	✓	✓	✓	✓	✓	✓

Bug fixes

DESCRIPTION	PRIME	MAINS	AMF	MASTER	MASTER 1B	BTB	BAT	HYBRID
Fixed an issue preventing the inverter kWh counter from working.								✓
Various bug fixes.	✓	✓	✓	✓	✓	✓	✓	✓

I4GEN

News features and improvements

DESCRIPTION	I4GEN SUITE	I4GEN 15 INCHES	I4GEN BOX
Ability to update an i4Gen Box via USB stick. Only compatible from version 25.12 onwards.		✓	✓
Compatibility with the Product Redundancy function of COMPACT controllers.	✓	✓	✓
SMS sending now possible from the i4Gen Box. Same configuration options as for emails with an additional monthly limit option.			✓
Various J1939 improvements related to aftertreatment: • The text associated with a DTC code is now displayed instead of its code. • Aftertreatment-related measurements are now isolated in a dedicated page. • Display of lamps + flashing in the alarm/fault page.	✓	✓	✓
Enhanced password security system: • New default password (if a password has been modified, it will not be overwritten during the update). • Authentication attempts blocked with a timer after 3 consecutive failures. • Minimum 8 characters, 1 uppercase, 1 lowercase, 1 number and 1 special character.		✓	✓
Ability to open multiple i4Gen Suite instances in parallel.	✓		
Zoho Assist is now preserved after an update (USB or internet).		✓	✓
The i4Gen Box inputs are now included in the trigger criteria for SMS and email sending.			✓
It is now possible to rename a controller in Easy Connect on i4Gen Box. This also allows using the names entered from Easy Connect in the single-line diagram page.		✓	✓
The 4G connection can now be used as a source for internet connection to perform an update.			✓
It is now possible to import/export an i4Gen Box configuration.		✓	✓
It is now possible to perform a factory reset of an i4Gen Box configuration.		✓	✓
It is now possible to hide the footer (controller commands) for a user authenticated as Operator. This setting is adjustable when authenticated as Installer.		✓	✓
Various improvements to custom page editing/preview mode. Access level can now be defined per page.		✓	✓
A configuration file name is now displayed in the window title when loaded in the application.	✓		
Added guidance in Easy Connect on the procedure to follow if no controller is detected.	✓		
Various improvements.	✓	✓	✓

Bug fixes

DESCRIPTION	I4GEN SUITE	I4GEN 15 POUCES	I4GEN BOX
Fixed an issue with alarm/fault duplication when the logger was enabled.	✓	✓	✓
It is now possible again to disable the screensaver by setting its value to 0.		✓	✓
Fixed an issue with the display of user variable names in Easy Flex after downloading a controller configuration.	✓	✓	✓
Fixed an issue where it seemed impossible to exit the i4Gen Box screensaver (no effect when interacting with the touch screen).		✓	
Various bug fixes.	✓	✓	✓

BOX MANAGER

News features and improvements

- Ability to update an i4Gen Box panel via USB stick. Only compatible from version 25.12 onwards.
- It is now possible to import/export an i4Gen Box configuration.
- When changing the network configuration of an i4Gen Box, it is only applied after disconnecting from Box Manager to avoid interrupting the current connection.
- It is now possible to change the interface and keyboard language of the i4Gen Box from Box Manager.
- Various improvements.

Bug fixes

- Fixed manual connection addition not being saved after restart in Easy Connect.
- Fixed detection of empty configuration for custom pages when this is not the case.
- Various bug fixes.