

FCU SOFTWARE BUNDLE 2.2.0

25.09.2018

The list below contains modifications and new features since the release of software bundle 2.1.0.

<p>Firmware</p> <p>ver. 2.0</p> <p>Release date 25.05.2018</p>	<p>Improvements:</p> <ul style="list-style-type: none"> • BACnet BTL compatible firmware <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed stopping communication if a Slave Device answers with a Service Error Telegram • List of BACnet services in Device Object updated according to BTL requirements • Fixed lifetime out of range detection in COV subscription • Fixed database revision incrementation after any BACnet ID change • Fixed Device Objects properties for compability with BTL requirements
<p>Kits for firmware</p> <p>ver. 2.0</p> <p>Release date 25.09.2018</p>	<p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed components in kit iSMA_RoomDevices_Modbus such as SubmenuNumeric, SubmenuBoolean, MainMenuNumeric, MainMenuBoolean • Fixed FanControl and PWM components in kit iSMA_FCU • Fixed components in kit iSMA_RoomDevices_Modbus related to the problem when connecting the LP Panel

FCU SOFTWARE BUNDLE 2.1.0 **13.03.2018**

The list below contains modifications and new features since the release of software bundle 2.0.0.

<p>Firmware</p> <p>ver. 1.4</p> <p>Release date 13.03.2018</p>	<p>New functions:</p> <ul style="list-style-type: none"> • Added SVM state (with error codes) available on Modbus register 99 and on BACnet in object Device, as property 5002 <p>Improvements:</p> <ul style="list-style-type: none"> • Immediate getting and displaying new values in NVNet components after calling “Copy from Default to NV” and “Copy from User to NV” • Printing console messages improved <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Starting big applications, which failed during update from FW1.1 to FW1.3 • Writing NV values to EEPROM • Upgrade of FW for new hardware • Default setting doesn’t cause wrong 0 values on Modbus • Crashing the application during updating procedure for multiple devices • FCU PID component behaviour after restarting SVM • FCU PID and PI components calculating start value • FCU PID component out value while slot is “Disabled”
<p>Default application</p> <p>ver. 2.2</p> <p>Release date 13.03.2018</p>	<p>New functions:</p> <ul style="list-style-type: none"> • Added network variable Valves_dead_band (BACnet AV:39; Modbus 139) • Dead band for PI Control Implemented in default application <p>Improvements:</p> <ul style="list-style-type: none"> • Application sets for slaves in BACnetMasterSlave Network value of FCU_Mode as Heating_only or Cooling_only related to Master’s present value of Heating/Cooling mode.

FCU SOFTWARE BUNDLE 2.0.0

14.09.2017

The list below contains modifications and new features since the release of software bundle 1.1.0.

Name	Description
<p>Default application ver. 2.0</p> <p>Release date 14.09.2017</p>	<p>Improvements:</p> <ul style="list-style-type: none"> • Switching of temperature sensor logic improved • Optimized logic of iSMA-B-LP Room Panel operation • Added network variable for BACnetMasterSlave network ping frequency <p>Fixed bugs:</p> <p>Fan control according to FCU Mode bug fixed</p>
<p>Firmware ver. 1.3</p> <p>Release date 14.09.2017</p>	<p>New functions:</p> <ul style="list-style-type: none"> • Created new kit iSMA_Advanced with components: <ul style="list-style-type: none"> ▪ RaiseLower for actuator open/close control signals ▪ Dimmer Switch for single or double switch dimming control ▪ Action Trigger for remote calling action of any component in application • Added new kit iSMA_RoomDevices_Modbus with several components for iSMA-B-LP Room Panel operation optimization <p>Improvements:</p> <ul style="list-style-type: none"> • Improved stability and functionality of FCU_FanControl component • Improved switching Return and Space Sensors in FCU_Temperature_Sensor_Switch • Limiting of values from forbidden ranges in several components of various kits • Slaves addresses range expanded by Local Remote Auto Binding mode in FCU_MasterSlave component <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Default Settings called remotely (e.g by FCU_Updater) • FCU_EffectiveSetpointCalculator component for Standby Offset • FCU_OutputSwitch component for Second Stage control • NaN value in NVNetNumeric and NVnetBoolean components

FCU SOFTWARE BUNDLE 1.1.0 09.02.2017

The list below contains modifications and new features since the release of software bundle 1.0.0.

Name	Description
<p>Default application ver. 1.6</p> <p>Release date 09.02.2017</p>	<p>New functions:</p> <ul style="list-style-type: none"> • Added ability of manual control of the outputs from a remote system (BMS) • Added ability of monitoring of the control signal values and the outputs' states in the iSMA-B-LP • Added new network variables in order to extend the possibility of the iSMA-B-LP configuration from a remote system (BMS) <p>Improvements:</p> <ul style="list-style-type: none"> • Functions and components implemented in default application improvements <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Analog Outputs links • Anti-frost function for binary control • Test mode function for binary control

FCU SOFTWARE BUNDLE 1.0.0 06.12.2016

Name	Description
Software Bundle 1.0.0 Release date 06.12.2016	<ul style="list-style-type: none">• First release