

The list below contains modifications and new features since the release of software bundle 5.6.1.

It is important to ensure that firmware is upgraded before installing new kits.

This firmware and kits fit only devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	<ul style="list-style-type: none">• Added web autologin function• Added support of new sensors (NI1000 21C; NI1000 LG)• Improved non-commandable objects in iSMA_BACnetMSTPMaster and iSMA_BACnetIPMaster• Fixed bug with Daylight saving time settings
iSMA_Building	<ul style="list-style-type: none">• Added new kit with Sunblind and AdvanceSunblind components
iSMA_PlatAAC20	<ul style="list-style-type: none">• Added slot to autologin

The list below contains modifications and new features since the release of software bundle 5.5.0. It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
iSMA_LCD_kit	<ul style="list-style-type: none"> • Improved speed of LCD display response • LCD login failure - fix
iSMA_DALI_kit	<ul style="list-style-type: none"> • Added "Scene Setter" component • Improved overall operation of the DALI kit • Fixed bug related to writing 0 value to the scene
iSMA_Control_kit	<ul style="list-style-type: none"> • Fixed bug related to Loop point having "null" value on the output • Fixed bug related to temperature calculation in TempConversion component
Sys_kit	Fixed bug related to license error in some components at the moment of application start
Firmware	BACnet MSTP - fixed bug related to network recovery after timeout

The list below contains modifications and new features since the release of software bundle 5.4.0.

It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
iSMA_ModbusAsyncNetwork and iSMA_ModbusTcpNetwork kits	<ul style="list-style-type: none"> • iSMA-B-AAC20 controller can be connected to any Modbus device! Added Function 16 to write the value on numeric registers • COV_LinkSet mode is available for all writable Modbus points on Modbus Async and Modbus TCP network
iSMA_RoomDevices_Modbus kit	Fix for immediate writing value on WriteOnUp and WriteOnStart
Firmware	Reset counters in LCD menu - fix
Firmware	OneWire - more stable work
Firmware/iSMA_BACnet kit	Improvements for reading historical data
Firmware/iSMA_BACnet kit	<ul style="list-style-type: none"> • Add PropertyList to all objects • Add support for Foreign Device by slots: bbmdAddress and registrationLifetime in LocalDevice • Correct the calculation of value based on priority • Correct the calculation for a remote change of time with DaylightSaving enabled • Fix issue with communication when receiving a rejected command from slave device • Alarm sending improvements

The list below contains modifications and new features since the release of software bundle 5.3.0.

It is important to ensure that firmware is upgraded firstly before installing new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	Firmware changes: <ul style="list-style-type: none">• Improved power management• Improved IP configuration• Fix automatic app save• Update and improved file system
iSMA_control kit	Fix OptimizedStartStop component
iSMA_BACnetMSTP	<ul style="list-style-type: none">• Improved relinquishDefault in MSV, AO, AV, BO, BV BACnet objects

The list below contains modifications and new features since the release of software bundle 5.2.1. It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	Added DNS Support Fixed bug related to NV when exceed number of available components Fixed LCD backlight time Fixed setting PWM Default Duty parameter via LCD Fixed behavior of MSV Fixed bug related to starting Modbus Gateway after reboot
Inet kit	Added functions for DNS
iSMA_platAAC20	Added slots related to DNS
iSMA_ControlApi kit	Added slots Next Event Time Next Event Value to Numeric and Boolean Schedulers
iSMA_BACnet kit	Changes related to changes in iSMA_ControlApi
iSMA_BACnetMSTP	Added configurable parameters in MSTP Network: <ul style="list-style-type: none"> • MAC Address • Max Master • Max Info Frames
iSMA_NTPClient kit iSMA_MailService kit	DNS support added
iSMA_DALI kit	Added components: <ul style="list-style-type: none"> • DALIOnOff • DALIOnOffDimming1Switch • DALIOnOffDimming2Switch • DALIOnOffPresetValue • DALIOnOffRecallScene
iSMA_control kit	Added slots presetTrigger and clearTrigger to Counter Changed minimal value of onDelay and offDelay slots to 0
iSMA_AdvanceControl	New kit with components: <ul style="list-style-type: none"> • ActionTrigger • DimmerSwitch • RaiseLower

The list below contains modifications and new features since the release of software bundle 5.2.0.

It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
iSMA_Weather kit	Fixed connection with weather provider
Lexicons	Added lexicons in English, German, French and Polish

The list below contains modifications and new features since the release of software bundle 5.1.1.
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This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	Added DHCP and AutoIP (Automatic Private IP Addressing)
Firmware	BACnet: <ul style="list-style-type: none"> added Device Communication Control Service added Reinitialize Device Service fixed bug in reading Time Zone via BACnet
Firmware	LocalIO: <ul style="list-style-type: none"> increased precision of resistance measurement if Pt1000 or Ni1000 is selected increased detection rate of short-circuits and openings at high filter values in Universal Inputs
Firmware	LCD: <ul style="list-style-type: none"> added translation of embedded menu added option to disable buzzer changed appearance of the displayed menu bug fixes and improvements
iSMA_ControlApi	Fixed bug in Scheduler - if the event lasted from 00:00 to 00:00 was not taken into account
iSMA_BACnet kit	Added configurable password for Reinitialize Device and Device Communication Control Services
iSMA_ModbusTcpNetwork kit	Fixed statuses if license is missed Fixed pinging and writeOnUp after reconnection with device
iSMA_ModbusAsync kit	Fixed writeOnUp in COVLinkSet mode
iSMA_ModbusTcpSlaveNetwork kit	Added option to select the Modbus address format
iSMA_MBus kit	Improvements during connections in MBus-IP Added actions for resetting statistics Bug fixes and speed improvements

The list below contains modifications and new features since the release of software bundle 5.1.0.

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This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Mbus kit	Added support for devices sending large amount of data

The list below contains modifications and new features since the release of software bundle 5.0.0.

It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	Added support for Daylight Saving Time
Firmware	Fixed bug related to reading BooleanWeeklySchedule via BACnet
Firmware	Added M-Bus Extension Support
Mbus kit	Added support to reading M-Bus Devices via M-Bus Extension and IP
Datetime kit	Added support to DST
NTP kit	Time synchronization via NTP protocol
Firmware	Fixed bug related to BACnet GetEvenInformation Service
Email Service kit	Sending Alarms from AlarmService via e-mail
DALI kit	Changes to standardize with other kits

The list below contains modifications and new features since the release of software bundle 4.6.0.

It is important to ensure that firmware is upgraded firstly before install new kits.

This firmware and kits fit only for devices with Hardware Version 1.1 or higher!

Name	Description
Firmware	Added ability of editing WeeklySchedules via LCD
Firmware	Added support of Alarms in Analog Value, Binary Value and MultiState Values Objects
LCD kit	Added ability of editing WeeklySchedules via LCD
LCD kit	Added MultiStateValue Line
BACnet kit	Added support of Alarms in Analog Value, Binary Value and MultiState Values Objects
BACnet kit	Added support of Special Events in schedules
ControlAPI kit	Added support of Special Events in schedules (editable only via BACnet)
BACnetMSTP kit	Fixed wrong baud rate from 78600 to 76800
ModbusClient kit	Fixed wrong baud rate from 78600 to 76800
Firmware	Fixed unintended reboot after few cycles of Enable and Disable Modbus Async Network
Sys kit	Detecting changes in application (used by auto save function in Platform)
Platform kit	Improvements in auto save function: save only if application changes
Firmware	Force application auto save on power outage
Firmware	Detecting broken kits and/or app and stop running Sedona VM.
Firmware	Improvements in measuring temperature using Pt1000 and Ni1000 sensors
Sox kit	Improvements in sending large packages.
ModbusTcpSlaveNetwork	Fixed bug with unintended reboot if received corrupted ModbusTCP frame
ModbusAsyncNetwork	Fixed bug with unintended reboot which occurs sporadically during removing Modbus Async components or restart AAC20 application if these components were in use.

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2016.04.20

The list below contains modifications and new features since the release of software bundle 4.5.0
It is important to ensure that firmware is upgraded firstly before install new kits.

Name	Description
Firmware	Added support of BACnetMSTP
BACnetMSTP kit	New kit
iSMA_weather	New kit
Firmware	Fixed time zones on the West from 0 degrees
DALI kit	Fixed group commands
OneWire kit	Added Enable network slot
ismaPlatAAC20 kit	Fixed copy error of NV components when Alarm, totalizer or history were enabled
BACnet kit	Fixed Location and Description slots (they were swapped)

AAC20 SOFTWARE BUNDLE 4.5.0

2016.03.01

The list below contains modifications and new features since the release of firmware 4.4 (2015-12-07) and kits bundle (2015-10-23)

It is important to ensure that firmware is upgraded firstly before install new kits.

Name	Description
Firmware	Added native methods to support BACnet Master IP
Firmware	Added time and time zones settings via LCD, website and Modbus Registers
Firmware	BACnet – added UTC Time Synchronization service and UTC_OFFSET property in BACnet device
Firmware	Embedded web site – added information about incorrect login or password and reduced web page size
Firmware	Fixed unintended reboot when someone add a LCD component to AAC20 LED version
Firmware	BACnet Slave – added MSV object
Firmware	Improved stability of device in noisy environments
Sys kit	NumberOfComponents Slot in App component changed to read only
Sys kit	Extended component name to 31 chars (using Niagara AX please upgrade Sedona.jar file)
ModbusAsync kit	Added SendValue action
ModbusTcpMaster kit	Added SendValue action
ModbusTcpMaster kit	Added connection error status and fixed minor bugs
BACnetSlave kit	Added MSV object
BACnetMasterIP kit	New
platAAC20 kit	Added MultiStateWritable component
DALI kit	Added Send action in command component