RAC18-IP

Room Application Controller

RAC18-IP Software Bundle 1.7.0   **2025**

NAME	DESCRIPTION

Software version 1.7.0
Release date 18 Jun 2025
	New functionalities:
	• BACnet Protocol B-ASC Revision 19
	• New B-ASC (BTL-31312) BACnet Conformance Certificate
	• Programming over USB
	• Configuration Data service
	Improvements:
	• BACnet: Possibility to remotely change BACnet ID of objects exposed to the BACnet network
	• Info slot, which provides information about non-OK statues of the component, added in the following components:
	    o BACnet: Device, LocalDevice, AnalogCustomPoint, BinaryCustomPoint, StringCustomPoint, AnalogPoint, BinaryPoint, MultistatePoint,
	    o Modbus: Device, LocalDevice, AnalogPoint, BinaryPoint, MultistatePoint, StringPoint, Gateway,
	    o Core: Network, IpPort, SerialPort, AnalogDataPoint, BinaryDataPoint,
	    o IO: LocalIO, UniversalInput, DigitalInput, DigitalInputCounter, AnalogOutput, DigitalOutput, TriacOutput, DipSwitch
	• Default Status slot added in the following components:
	    o Logic: Toggle,
	    o Process: Latch;

RAC18-IP Software Bundle 1.6.1   **2025**

NAME	DESCRIPTION
Software version 1.6.1 Release date 17 Mar 2025	**Improvements:** • Changed default log level from Important to Critical • Added mechanism automatically switching the log level back to the default state (Critical) after 24 hours from any change in the log level **Fixed bugs:** • Fixed problem with the Loop component with the Min Output and Max Output slots • Corrected system behavior that led to nano EDGE ENGINE controllers to fall into the emergency mode • Fixed problem with resizing components on the Wire Sheet when using the Description slot

NAME	DESCRIPTION
Software version 1.6.0 Release date 30 Jan 2025	**New functionalities:** • BACnet device and objects discover

NAME	DESCRIPTION
Software version 1.5.1 Release date 17 Mar 2025	**Improvements:** • Changed default log level from Important to Critical • Added mechanism automatically switching the log level back to the default state (Critical) after 24 hours from any change in the log level **Fixed bugs:** • Corrected system behavior that led to nano EDGE ENGINE controllers to fall into the emergency mode

NAME	DESCRIPTION
Software version 1.5.0 Release date 18 Jul 2024	**New functionalities:** • Multistate Schedule BACnet extension **Improvements:** • Copy Slots Values functionality in copying components • Support for Modbus and decimal formats in Analog Points in Modbus TCP/IP and RTU networks **Fixed bugs:** • Fixed problem with a slow operation of the controller after restoring backup • Fixed problem with Write On Up and Write On Enable functionalities on Modbus network • Fixed problem with writing schedules over BACnet • Fixed problem with BACnet overflow

NAME	DESCRIPTION
Software version 1.4.1 Release date 13 Nov 2023	**Improvements:** • Modbus RTU – support function code 06 for writing single register

RAC18-IP Software Bundle 1.4   **2023**

NAME	DESCRIPTION
Software version 1.4.0 Release date 30 Oct 2023	**New functionalities:** • BACnet MS/TP • Modbus RTU server **Improvements:** • Modes for Data Points components • Serial Port component in Modbus new slot – Steady Time **Fixed bugs:** • Fixed problem with the On Off Delay component • Fixed problem with freezing components

RAC18-IP Software Bundle 1.2.1   **2023**

NAME	DESCRIPTION
Software version 1.2.1 Release date 12 Sep 2023	**Fixed bug:** • Fixed Ethernet switch mode

RAC18-IP Software Bundle 1.2   **2023**

NAME	DESCRIPTION
Software version 1.2.0 Release date 14 Mar 2023	**New functionalities:** • Modbus TCP/IP client • Gateway extension for Modbus • DNS • NTP Client • Schedules • Action Trigger extension for components with actions

NAME	DESCRIPTION
Software version 1.1.0 Release date 12 Sep 2022	**New functionalities:** • Modbus TCP/IP server • DHCP

RAC18-IP Software Bundle 1.0   2022

NAME	DESCRIPTION
Software version 1.0.0 Release date 29 Apr 2022	First release