

# nano EDGE ENGINE

nano EDGE ENGINE Software Bundle 1.8.0

2025

NAME	DESCRIPTION
<b>Software version</b> <b>1.8.0</b> Release date 2 Dec 2025	<b>New functionalities:</b> <ul style="list-style-type: none"><li>• Service:<ul style="list-style-type: none"><li>◦ Trends service</li></ul></li></ul> <b>Improvements:</b> <ul style="list-style-type: none"><li>• Info slot, which provides information about non-OK statuses of the component, changed to the enum type in the following components:<ul style="list-style-type: none"><li>◦ BACnet: Device, LocalDevice, AnalogCustomPoint, BinaryCustomPoint, StringCustomPoint, AnalogPoint, BinaryPoint, MultistatePoint,</li><li>◦ Modbus: Device, LocalDevice, AnalogPoint, BinaryPoint, MultistatePoint, StringPoint, Gateway,</li><li>◦ Core: Network, IpPort, SerialPort, AnalogDataPoint, BinaryDataPoint,</li><li>◦ IO: LocalIO, UniversalInput, DigitalInput, DigitalInputCounter, AnalogOutput, DigitalOutput, TriacOutput, DipSwitch, RotaryActuator</li></ul></li></ul>

nano EDGE ENGINE Software Bundle 1.7.0

2025

NAME	DESCRIPTION
<b>Software version</b> <b>1.7.0</b> Release date 18 Jun 2025	<b>New functionalities:</b> <ul style="list-style-type: none"><li>• Libraries: VAV and ComfortControl</li><li>• BACnet:<ul style="list-style-type: none"><li>◦ Foreign Device</li></ul></li><li>• Service:<ul style="list-style-type: none"><li>◦ Configuration Data service</li></ul></li><li>• IO:<ul style="list-style-type: none"><li>◦ PressureInput component</li><li>◦ RotaryActuator component</li></ul></li><li>• Logic:<ul style="list-style-type: none"><li>◦ EqualNull component</li></ul></li></ul> <b>Improvements:</b> <ul style="list-style-type: none"><li>• New slots in components<ul style="list-style-type: none"><li>◦ Number of Components slot added in the Applications container component and Application component</li><li>◦ Info slot, which provides information about non-OK statuses of the component, added in the following components:</li></ul></li></ul>

	<ul style="list-style-type: none"><li>• BACnet: Device, LocalDevice, AnalogCustomPoint, BinaryCustomPoint, StringCustomPoint, AnalogPoint, BinaryPoint, MultistatePoint,</li><li>• Modbus: Device, LocalDevice, AnalogPoint, BinaryPoint, MultistatePoint, StringPoint, Gateway,</li><li>• Core: Network, IpPort, SerialPort, AnalogDataPoint, BinaryDataPoint,</li><li>• IO: LocalIO, UniversalInput, DigitalInput, DigitalInputCounter, AnalogOutput, DigitalOutput, TriacOutput, DipSwitch</li><li>○ Default Status slot added in the following components:<ul style="list-style-type: none"><li>• Logic: Toggle,</li><li>• Process: Latch;</li></ul></li><li>○ IP Manager Discover Enabled slot added in the Ethernet1 component (in the System container).</li><li>• BACnet<ul style="list-style-type: none"><li>○ Possibility to remotely change BACnet ID of objects exposed to the BACnet network (LocalDevice, AnalogDataPoint, BinaryDataPoint, MultistateDataPoint, Calendar, AnalogSchedule, BinarySchedule, MultistateSchedule)</li></ul></li><li>• Platform<ul style="list-style-type: none"><li>○ AutoIP mechanism added to the DHCP component</li></ul></li></ul>
--	---

NAME	DESCRIPTION
<b>Software version</b> <b>1.6.1</b> Release date 17 Mar 2025	<b>Improvements:</b> <ul style="list-style-type: none"><li>• Logs<ul style="list-style-type: none"><li>○ Changed default log level from Important to Critical</li><li>○ Added mechanism automatically switching the log level back to the default state (Critical) after 24 hours from any change in the log level</li></ul></li></ul> <b>Fixed bugs:</b> <ul style="list-style-type: none"><li>• Process<ul style="list-style-type: none"><li>○ Fixed problem with the Loop component with the Min Output and Max Output slots</li></ul></li><li>• Corrected system behavior that led to nano EDGE ENGINE controllers to fall into the emergency mode</li><li>• Fixed problem with resizing components on the Wire Sheet when using the Description slot</li></ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.6.0</b> Release date 30 Jan 2025	<b>New functionalities:</b> <ul style="list-style-type: none"><li>• BACnet<ul style="list-style-type: none"><li>◦ Device discover function added</li><li>◦ Object discover function added</li></ul></li><li>• Logic<ul style="list-style-type: none"><li>◦ Numeric2Binary component added</li></ul></li><li>• Process<ul style="list-style-type: none"><li>◦ Multilinear, Deadband, Sequence components added</li></ul></li><li>• Other<ul style="list-style-type: none"><li>◦ Pulser component added</li></ul></li></ul> <b>Improvements:</b> <ul style="list-style-type: none"><li>• BACnet<ul style="list-style-type: none"><li>◦ BACnet device ID in LocalDevice based on the device's serial number</li></ul></li></ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.5.1</b> Release date 17 Mar 2025	<b>Improvements:</b> <ul style="list-style-type: none"><li>• Logs<ul style="list-style-type: none"><li>◦ Changed default log level from Important to Critical</li><li>◦ Added mechanism automatically switching the log level back to the default state (Critical) after 24 hours from any change in the log level</li></ul></li></ul> <b>Fixed bugs:</b> <ul style="list-style-type: none"><li>• Corrected system behavior that led to nano EDGE ENGINE controllers to fall into the emergency mode</li></ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.5.0</b> Release date 23 Jul 2024	<b>New functionalities:</b> <ul style="list-style-type: none"><li>• Schedules<ul style="list-style-type: none"><li>◦ MultistateSchedule component added</li><li>◦ BACnet extension for AnalogSchedule, BinarySchedule, and MultistateSchedule components</li></ul></li><li>• BACnet<ul style="list-style-type: none"><li>◦ Device Management – Device Communication Control functionality added</li></ul></li></ul>

	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• System <ul style="list-style-type: none"> <li>◦ DST Status slot added to the Platform component</li> </ul> </li> <li>• Modbus <ul style="list-style-type: none"> <li>◦ Extended Modbus addresses range</li> </ul> </li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• System <ul style="list-style-type: none"> <li>◦ Fixed SetUTCTime action in the Time component</li> </ul> </li> <li>• Modbus <ul style="list-style-type: none"> <li>◦ Fixed problem with Write On Up and Write On Enable functionalities on Modbus network</li> </ul> </li> <li>• Schedules <ul style="list-style-type: none"> <li>◦ Fixed problem with writing schedules over BACnet</li> </ul> </li> <li>• Other <ul style="list-style-type: none"> <li>◦ Fixed problem with missing value in the Out slot of the StringAdd component</li> </ul> </li> </ul>
--	---

**nano EDGE ENGINE Software Bundle 1.4.1**

2023

NAME	DESCRIPTION
<b>Software version</b> <b>1.4.1</b> Release date 13 Nov 2023	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Modbus RTU – support function code 06 for writing single register</li> </ul>

**nano EDGE ENGINE Software Bundle 1.4**

2023

NAME	DESCRIPTION
<b>Software version</b> <b>1.4.0</b> Release date 30 Oct 2023	<p><b>New functionalities:</b></p> <ul style="list-style-type: none"> <li>• Core <ul style="list-style-type: none"> <li>◦ Multistate Data Point component</li> </ul> </li> <li>• Modbus <ul style="list-style-type: none"> <li>◦ Multistate Point component</li> </ul> </li> <li>• BACnet <ul style="list-style-type: none"> <li>◦ Multistate Point component</li> <li>◦ Analog Custom Point component</li> <li>◦ Binary Custom Point component</li> <li>◦ String Custom Point component</li> </ul> </li> <li>• Schedules <ul style="list-style-type: none"> <li>◦ Multistate Schedule component</li> <li>◦ Calendar component</li> </ul> </li> </ul>

	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Core <ul style="list-style-type: none"> <li>◦ Modes for Analog Data Point, Binary Data Point components</li> <li>◦ Steady Time slot for the Serial Port component in Modbus</li> </ul> </li> <li>• Local IO <ul style="list-style-type: none"> <li>◦ Read Other Properties action</li> </ul> </li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed problem with the On Off Delay component</li> <li>• Fixed problem with freezing components</li> </ul>
--	---

NAME	DESCRIPTION
<b>Software version</b> <b>1.2.1</b> Release date 12 Sep 2023	<p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Bug fix in Ethernet switch mode</li> </ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.2.0</b> Release date 14 Mar 2023	<p><b>New functionalities:</b></p> <ul style="list-style-type: none"> <li>• Platform <ul style="list-style-type: none"> <li>◦ DNS component</li> <li>◦ NTP Client component</li> </ul> </li> <li>• Modbus <ul style="list-style-type: none"> <li>◦ Modbus TCP/IP client</li> <li>◦ Gateway extension for Modbus Local Device</li> </ul> </li> <li>• Schedules <ul style="list-style-type: none"> <li>◦ Analog Schedules component</li> <li>◦ Binary Schedules component</li> </ul> </li> <li>• Other <ul style="list-style-type: none"> <li>◦ Analog 2 String component</li> <li>◦ Binary String Switch component</li> <li>◦ String Add component</li> </ul> </li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Core <ul style="list-style-type: none"> <li>◦ Action Trigger extension for components with actions</li> </ul> </li> <li>• Modbus <ul style="list-style-type: none"> <li>◦ Bits extension for Modbus Analog Point</li> </ul> </li> </ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.1.0</b> Release date 12 Sep 2022	<b>New functionalities:</b> <ul style="list-style-type: none"><li>Platform<ul style="list-style-type: none"><li>DHCP</li></ul></li><li>Modbus<ul style="list-style-type: none"><li>Modbus TCP/IP server</li></ul></li></ul> <b>Improvements:</b> <ul style="list-style-type: none"><li>Core<ul style="list-style-type: none"><li>Modbus TCP/IP native extension added to Data Points</li><li>Unified names of slots</li></ul></li></ul>

NAME	DESCRIPTION
<b>Software version</b> <b>1.0.0</b> Release date 29 Apr 2022	First release