

• WAGO BACnet Controller

• The Controller for Building Automation

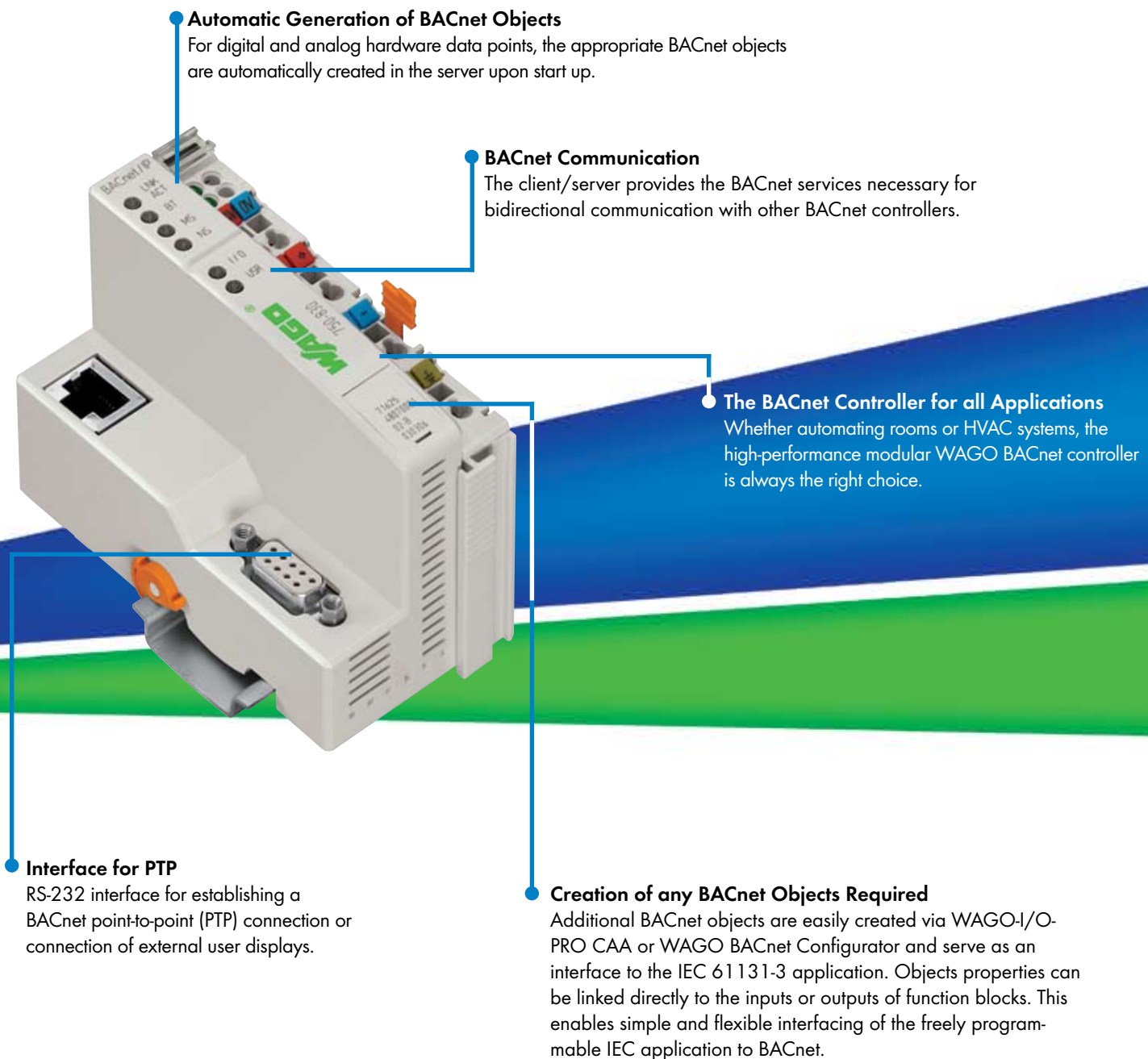
The BACnet Building Automation Controller

High Performance and Flexibility for All Applications

The WAGO BACnet controller combines the advantages of the proven, modular WAGO-I/O-SYSTEM with the DIN EN ISO 16484-5 standardized BACnet communications protocol.

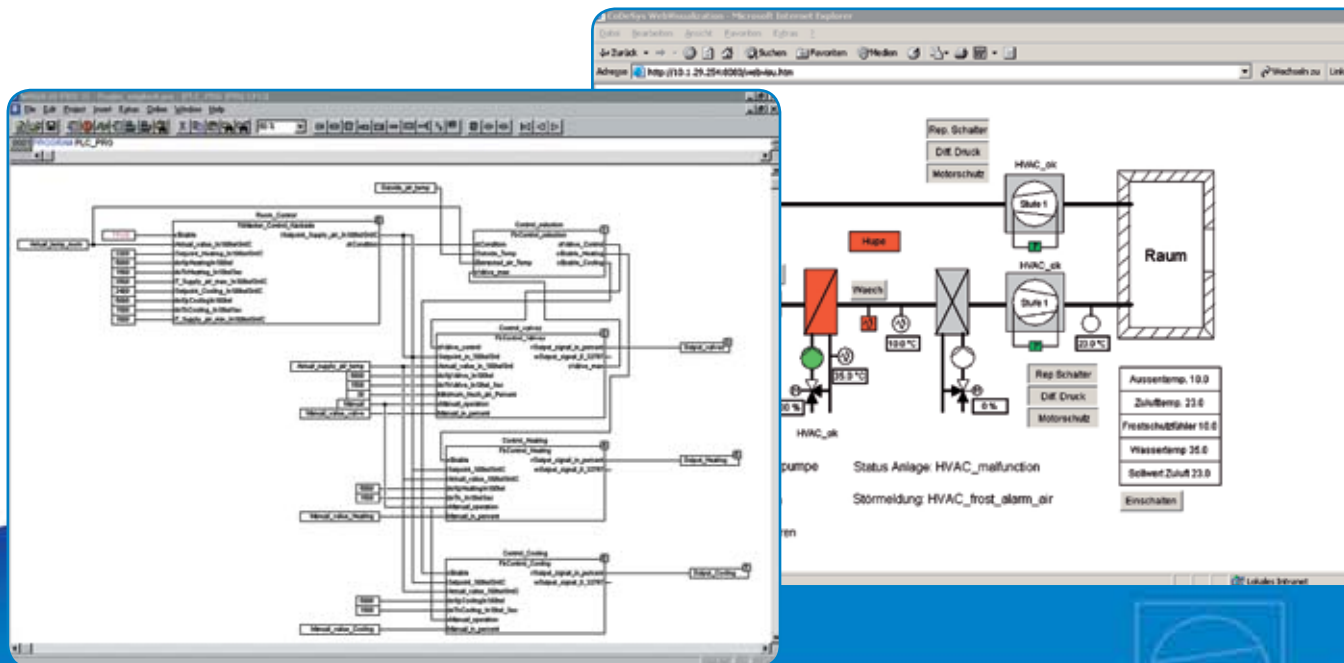
It supports the standardized BACnet Building Controller (B-BC) device profile with all necessary BACnet interoperability building blocks (BIBBs) per IOB (interoperability areas).

The controller has been designed for complete BACnet integration and interoperability with components from other manufacturers.



Powerful Graphical Programming

The WAGO I/O-PRO CAA programming tool, based on the IEC 61131-3 standard, enables the creation of powerful applications quickly and conveniently for all aspects of HVAC and room automation. For creation of applications, the user can rely on extensive libraries of pre-prepared function blocks for integrated room functions or automation of complex heating, ventilation and air-condition systems.



Optimized Hardware Configuration

The WAGO BACnet controller can be combined with any number of standard and building-specific I/O modules from the WAGO I/O-SYSTEM. Thus, digital and analog inputs/outputs with different signals and potentials, as well as interface terminals to other systems (KNX/EIB, DALI, EnOcean, MP-Bus, etc.) can be integrated into the building automation network.

Due to the fine modularity of the WAGO I/O-SYSTEM, it is possible to tailor a node with 1, 2, 4 or 8 inputs/outputs to suit a particular project's requirements.

DI

Digital Inputs:
Examples include switches, buttons, fire dampers, limiters, detectors, etc.

Integrated Web Server

An integrated Web server enables the creation of a graphical user and display interface for the BACnet controller.

Application-specific Web pages can be accessed from any workstation PC connected to the TCP/IP network via standard browsers.



DO

Digital Outputs:
Examples include fans, pumps, blinds, lighting systems, etc.

S

Specialty Modules:
As interface to DALI, EnOcean radio systems, MP-Bus, M-Bus, etc.

AI

Analog Inputs:
For measured values such as temperature, humidity, air quality, etc.

AO

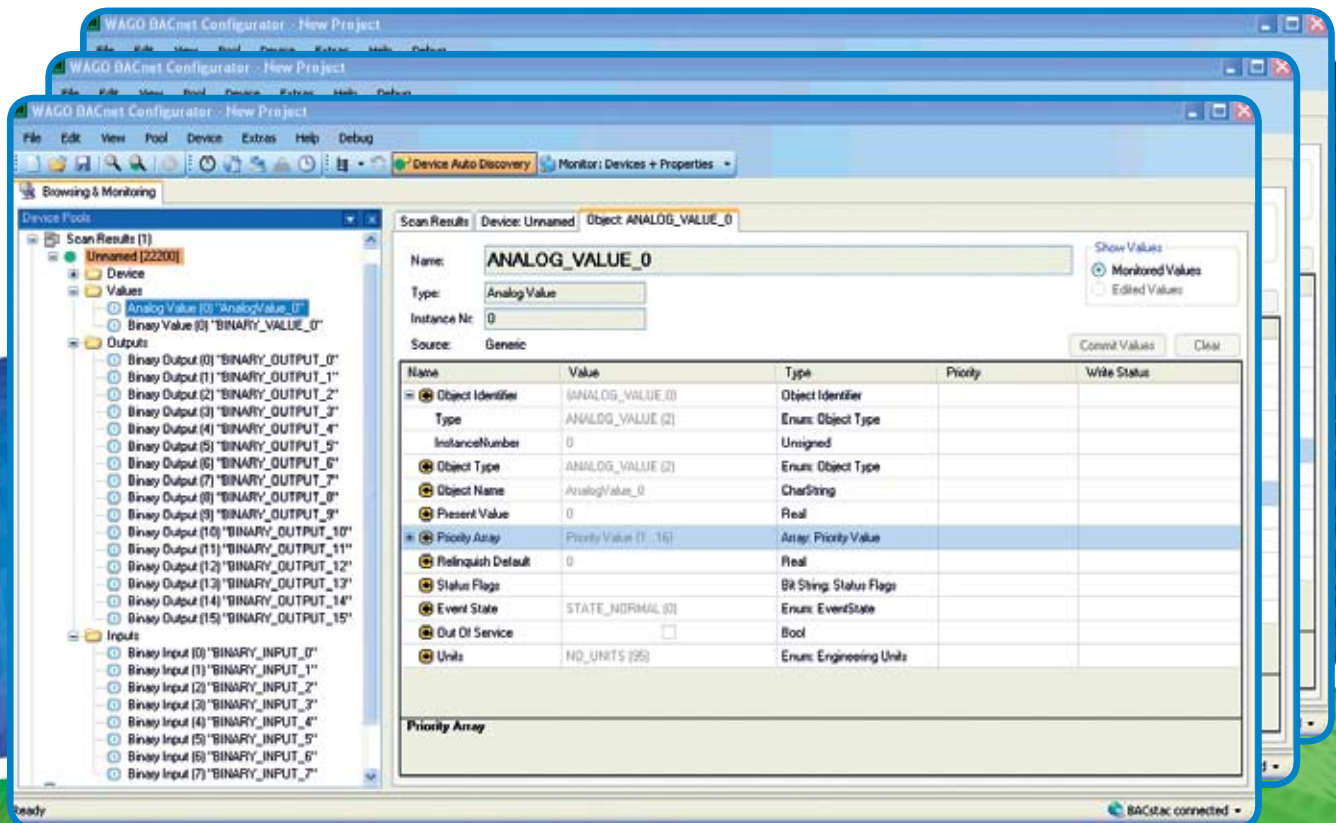
Analog Outputs:
For control of valve and damper positioning motors, etc.

The WAGO BACnet Configurator

Convenient Configuration in BACnet Networks

The WAGO BACnet Configurator represents a powerful tool for configuring and operating the BACnet controller in a BACnet network.

The configuration interface allows logical structuring of the network, addressing of the controller and configuration of the clients and servers to be performed. Additionally a value browser is provided to enable the properties of BACnet objects to be viewed.



Features:

- BACnet Building Controller (B-BC) device profile
- Freely programmable to IEC 61131-3
- Modular I/O
- RS-232 interface for PTP or external display
- Integrated Web server
- Convenient commissioning via WAGO BACnet Configurator

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