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

WAGO BACnet Controller

The Controller for Building Automation
The BACnet Building 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 communication protocol. It supports the standard BACnet Building Controller (BAC) device profile with all necessary BACnet interoperability building blocks (BBs) per IOB (Interoperability area).

Automatic Generation of BACnet Objects
For digital and analog hardware data points, the appropriate BACnet objects are automatically created in the server upon start-up.

Powerful Graphical Programming
The WAGO/I-O-C quán building management tool, based on the DIN EN ISO 16484-5 standard, enables the creation of point-to-point applications quickly and conveniently for all aspects of HVAC and room automation. For customers of applications, the user can rely on extensive libraries of preprogrammed function blocks for integrated valve functions or automation of complex heating, ventilation and air-conditioning systems.

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

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BACnet Communication:
The stand-alone server provides the BACnet services necessary for bi-directional communication with other BACnet controllers.

The WAGO BACnet controller is always the right choice.

Integrated Web Server
An integrated Web server enables the creation of a graphical user and display interface for the BACnet controller. Applicationspecific Web pages can be accessed from any workstation over a PC connected to the TCP/IP network via standard browsers.

Automatic Generation of BACnet Objects
For digital and analog hardware data points, the appropriate BACnet objects are automatically created in the server upon start-up.

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

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

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

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

Creation of any BACnet Objects Required
Additional BACnet objects can easily be created on the WAGO/I-O-C quán building management tool, which is an interface to the BACnet 1.0.2 devices. Objects properties can be linked directly to the inputs or outputs of function blocks. This enables simple and flexible interfacing of the freely programmable IEC application to BACnet.

BACnet Communication
The client/server provides the BACnet services necessary for bi-directional communication with other BACnet controllers.

The WAGO BACnet controller is always the right choice.