

BACnet Operator Workstation and BACnet Advanced Workstation

Overview

Tridium's BACnet Operator Workstation (OWS) and BACnet Advanced Workstation (AWS) enhance the ability to monitor and control a BACnet system through the Niagara AX Supervisor. The workstations provide additional control and presentation features on top of the BACnet Client IP Driver.

Operator Workstation (OWS)

The BACnet OWS device profile, standardized by BACnet International, is used for monitoring and basic control of a system. This device profile is designed for daily operators who need the ability to monitor basic system status and perform simple modification to the operation of the system.

Features of OWS:

Includes features of the BACnet IP Client along with:

- Presentation of data
- Ability to modify setpoints and parameters
- Adjustment of alarm/event parameters
- Operator notification and presentation of event information
- Alarm acknowledgements by operators
- Alarm summarization
- Adjustment of analog alarm limits

Advanced Workstation (AWS)

The BACnet AWS device profile is used to monitor the performance of a system and to modify parameters that affect the operation of a system. This profile is designed for the building operator or technician with a higher level of technical ability. The Advanced Workstation provides support for limited configuration actions and ongoing commissioning activities.

Features of AWS:

Includes features of the BACnet IP Client Driver and BACnet OWS along with:

- Ability to monitor the value of all BACnet object types
- Adjustment of alarm routing
- Creating of new Event Enrollment and Notification Classes
- Presentation of Event Logs

- Creation of new calendars and schedules
- Ability to silence a device on the network that is transmitting erroneous data
- Ability to cause a remote device to reinitialize
- Ability to backup and restore the configuration of other devices

System Requirements

Niagara^{AX} version 3.6 or later must be running on the Supervisor PC. Also the Supervisor must have the BACnet IP Client Driver license.