

# 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<sup>AX</sup> version 3.6 or later must be running on the Supervisor PC. Also the Supervisor must have the BACnet IP Client Driver license.