

# CXS BACnet Device Integration



## Summary

- Fully integrated into the AVEVA System Platform as a native application object
- Integrated IDE editors
- BACnet schedule graphical runtime editor
- Read / write access to BACnet schedules
- BACnet schedule download
- Weekly schedule and exception schedule support

### ConneXSoft Inc

4100 Corporate Square  
Suite 169  
Naples, FL, 34104, USA  
+1 508 315 7231

### ConneXSoft GmbH

Lohenstrasse 4  
D- 82166 Munich-  
Graefelfing Germany  
+49 89 958990250

info@ConneXSoft.com  
www.ConneXSoft.com

## Datasheet for the CXS BACnet Schedule Application Object



is a software development and innovation company based in Munich, Germany. It is a leading specialist in communication and engineering software for Industrial Automation with specific Facilities and Energy management product solutions

The **CXS BACnet Schedule Application Object** for the **AVEVA System Platform** acquires BACnet schedule data from BACnet devices and provides a an object with a graphical frontend to manage, display and edit schedules. The multitab .Net control based graphics provides different views (daily, weekly and plan) to create and modify BACnet schedules. Schedule data is downloaded via the CXS DASBACnet DA Server to be executed in the BACnet devices.

Type	Time	Name	BACnet value type	Actions
BACnet	12:00 AM	BACnet	Enumerated (9)	Value=1.
	1:00 AM			
	2:00 AM			
	3:00 AM			
	4:00 AM			
BACnet	5:00 AM	BACnet	Enumerated (9)	Value=2.
BACnet	5:30 AM	BACnet	Enumerated (9)	Value=3.
	6:00 AM			
	7:00 AM			
BACnet	8:00 AM	BACnet	Enumerated (9)	Value=4.

## Features and Benefits

Graphical interfaces provide configuration within InTouch at runtime

The **CXS BACnet Schedule Application Object** manages the BACnet weekly schedule for reoccurring schedule events and an optional exception schedule for specific calendar based scheduling at arbitrary times and dates.

The Schedules can be programmed and controlled at the SCADA level. The Schedule object graphic displays the schedule in Day, Week and Plan (List) views as well as integrating the display of the Exception Schedule.

Schedules can be imported and exported in an XML format.

### Interoperability with the CXS BACnet Application Generator

BACnet schedule objects can be discovered and generated automatically using the CXS BACnet. In this mode the CXS BACnet schedule configuration in the Wonderware System Platform and the ArchestrA graphics attribute references are populated fully automatically requiring no additional manual step.

### Offline configuration option

The **CXS Calendar Scheduler Creator** is a stand alone Window application providing an offline BACnet schedule and Enterprise Calendar Scheduler creation interface without using any application infrastructure.

