

# CXS BACnet Device Integration



## Summary

- Scans existing BACnet networks to discover devices and objects
- Automatically creates an entire Wonderware System Platform application based on BACnet scan
- Easy configuration and resynchronization of applications
- Provides native BACnet integration into the Wonderware System Platform
- Multiple BBMD support
- Supports BACnet complex objects and data
- Supports BACnet alarms & events
- Support BACnet TrendLogs

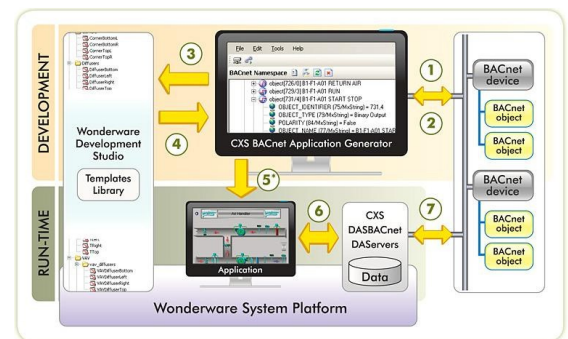
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## Datasheet for the CXs BACnet Application Generator



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 application generator for the Wonderware System Platform significantly simplifies the implementation of large BACnet applications and decreases engineering effort to a minimum. It allows scanning the BACnet network for devices and objects. Based on this information, it provides a configurable automatic application generation process of the corresponding ArchestrA application objects.



## Features and Benefits

### Build an entire application in three steps: scan, configure and create

The CXs BACnet Application Generator scans and discovers the existing BACnet network for devices and objects. This information is used to build a set of corresponding ArchestrA BACnet Application Objects.

### Model generation:

In addition, all IO references and constant attribute values are configured automatically to avoid typing errors and speed up the integration process. A hierarchical model of the site is generated.

### Namespace support:

Decode custom naming conventions to create a rich area model and complex objects like HVACs etc.

### Resynchronize changes:

The application generator allows re-synchronization of the application after modifying the application or reconfiguring BACnet devices.

### Documented process:

The entire process of creating the application objects is logged and can be exported for documentation purposes.

### Supports standardization:

The CXs BACnet Application Generator allows using pre-configured ArchestrA templates as well as generating the required templates as they are needed.

### Supports BACnet service configuration:

The CXs BACnet Application Generator auto-configures the BACnet alarm provider features as well as the WW historian integration for BACnet TrendLogs.

