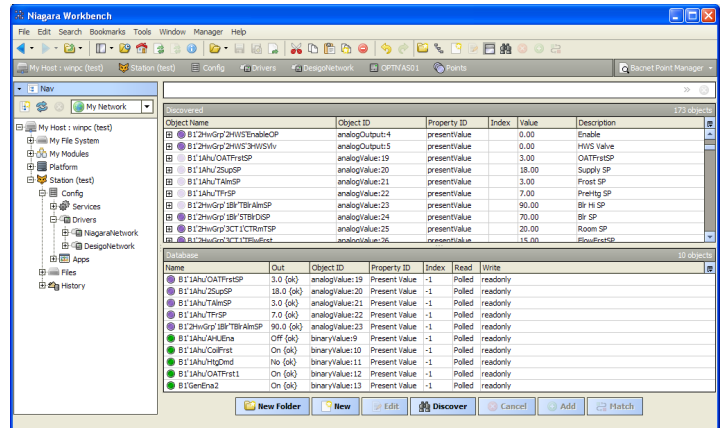# Siemens Desigo PX Driver

enables Niagara AX to communicate with BACnet over LonTalk devices

The driver is designed to enable direct communication between Siemens Desigo PX controllers and Tridium Niagara AX powered devices. It provides an efficient solution for retrofit of building management systems, facilitates seamless integration of multiple protocols and allows convenient makeover of front-end software.

The driver implements BACnet over LonTalk protocol in Niagara AX framework. This type of protocol transmits BACnet data over Lon FTT physical medium. BACnet objects contain various self-documenting attributes, which greatly simplifies integration process.

The driver is capable of searching for connected controllers, discovering points, schedules and alarms. Point names, statuses, and physical units are automatically imported into Niagara system. This saves engineering time and reduces potential errors.

Key features:

- Works with all BACnet over LonTalk devices
- Uses standard LON option card
- Enables point read, write and override
- Supports time schedules
- Provides alarm reception & acknowledgment
- Enables automatic discovery
- Includes poll and change-of-value subscription modes
- Imports unit facets and point status
- Supports time sync
- Ideal for retrofit application

Supported devices:

PXC12.D	PXC12-T.D	PXC22.D	PXC22-T.D
PXC36.D	PXC36-T.D	PXC12	PXC12-T
PXC22	PXC22-T	PXC36	PXC36-S
PXC52	PXC10-TL	PXC50.D	PXC100.D
PXC200.D	PXC64-U	PXC128-U	PXC00.D
PXC00-U	PXC-NRUF	PXR11	PXR12