

## Siemens Apogee/Sys 600 Driver

*Features such as ease of use, through built-in discovery, and web enablement of legacy/proprietary systems makes this driver a perfect fit to bring your system into the 21<sup>st</sup> Century.*

*Using this driver, and opening up your BAS network to other new control systems which are readily available is a huge money-saver.*

### Product Overview

The Siemens Apogee/System 600 driver from Kodaro is the first available driver on the market for Niagara AX and Niagara 4 that allows users to integrate Siemens systems.

### Built on the Niagara AX and Niagara 4 Frameworks

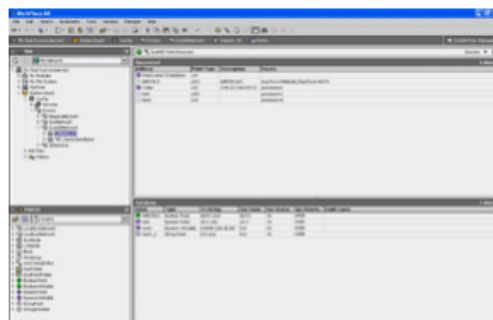
Niagara AX is a software framework and development environment that solves the challenges associated with building internet-enabled products, device-to-enterprise applications and distributed internet-enabled automation systems. The Niagara product line, originally introduced in 1999, is deployed in more than 60,000 products operating in more than 6,000 sites worldwide. Niagara AX takes the concept of normalizing the data and behavior of diverse devices, regardless of manufacturer or communication protocol, to enable the implementation of seamless, internet-connected, web-based systems to the next level. Niagara 4 is the next-gen edition of the groundbreaking Niagara AX platform. Kodaro has an N4 version of this driver. Please check your version.

### Opening up Protocols

Protocols such as BACnet, Lonworks and Modbus allow customers to have a level of flexibility in choosing controllers from different manufacturers. But to be truly open you need to be able to select among devices supporting *any* protocol. Using the capabilities of Niagara AX, along with Kodaro's toolsets and drivers, you will have the ability to truly select best-of-breed solutions. Many times, a customer needs to integrate a legacy control system into the Niagara AX framework. These legacy systems often do not support the newer protocols such as BACnet and LonWorks. This requires developers to write a driver to communicate with each system.

### Ease of Use – Built-in Network Discovery

As with all state-of-the-art driver development on the Niagara AX and N4 Frameworks, Kodaro's drivers offer features such as built-in Network Discovery along with device and object discovery (once connected). This feature saves lots of engineering hours.



In the workbench view of Niagara<sup>AX</sup> - automatic Network Discovery of objects using the CSI<sup>3</sup> Siemens Apogee®/System 600 driver

Siemens Apogee/System 600 Driver			
Supported Devices	Master Building Controller (MBC)	Open MMI Port Required	
	Master Equipment Controller (MEC)		
Supported Data Types		Read	Write
	All types (MBC/MEC/TEC)	X	X

Communication speed varies based on several factors, including but not limited to: MBC/MEC programming, baud rate, point count, trending, alarming, and graphics. In general, typical performance polls *one point every 2 - 3 seconds*.

### Sample Network System Architecture

