Connect Software

Building Automation System Interface

Description

Autani's *Connect* Building Automation System software provides an interface between BACnet or Tridium's NiagaraAX platform and Autani's *EnergyCenter* products, with integrated support for lighting, thermostats, controllable outlets, fans, and meters. A self-configuring Modbus register set can be used for lighting integration.

Consisting of a software license for the Autani *Manager* appliance and a driver for Tridium platforms, *Connect* allows a Tridium controller using the NiagaraAX platform—such as a JACE—to control and monitor selected devices connected to an Autani *Manager*. Each device is exposed to Tridium as a series of control points. For example, three points— Lighting, Mode, and Off Delay—might be added for a light attached to an Autani *WRC* Relay Controller. The same features are available via a BACnet/IP interface.

Using *Connect*, integrators can install Autani systems alongside other third-party control systems and manage all of the equipment from a single, centralized interface.

Applications

Autani's Connect software provides a BACnet/IP interface, Tridium NiagaraAX driver, and a Modbus TCP interface for connecting Autani's EnergyCenter products with third party Building Automation Systems (BAS).

- Private & Open Offices
- Corridors & Hallways
- Classrooms & Gymnasiums
- Warehouse Spaces & Manufacturing Areas
- Patient Care Rooms
- Transportation Terminals
- Retail & Grocery Stores

Features

- BACnet/IP: Control points for thermostats, lights, sensors, fans, and plug loads
- Tridium NiagaraAX framework driver: Control points for thermostats, lights, sensors, fans, and plug loads
- Modbus TCP interfaces: On/Off lighting control and monitoring; self-configuring interface generates address for connected devices
- *EnergyCenter* devices are controlled by the BAS via *Connect* and *EnergyCenter* Software on a last action basis
- Monitoring and metering functions of *EnergyCenter* remain active with up-to-the-minute energy consumption and savings data
- Rugged Autani *Manager* appliance with *Connect* acts as a link between wireless autaniNet and wired BACnet, Tridium or ModBus systems
- Easy to deploy software option for new or previously installed *EnergyCenter* Systems
- **Designed & Made in the USA**

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System Requirements

- Connect requires Autani *Manager* appliance with installed Ethernet card, *autaniNet* wireless interface, and *EnergyCenter* software.

- Plug load control requires one or more controllable devices connected to a compatible load.

- Lighting control requires one or more *WRC* series relay controllers or *AFC* Fixture Controllers connected to a compatible load.

- Occupancy monitoring by a BAS requires at least one connected motion sensor.

- MINI wired and third party motion sensors connect via a *WRC* Relay Controller.

- Connect provides BAS system access to autaniNet devices on an Autani Manager appliance. Configuration of the connected BAS system may be required.

The EnergyCenter Family

It all centers on energy management

Autani's *EnergyCenter* software integrates any combination of lighting, metering, HVAC/environmental, refrigeration, and sensor applications into a single management platform that optimizes energy use based on schedules, occupancy, demand response, and local input. *EnergyCenter* delivers an easy-to-use web-based interface that provides local or remote access for managing energy consumption within a single building or across an entire portfolio.

Ordering Information

SKU	Description
A08-01-0150-06	Add **Connect** Building Automation System interface software to Autani *Manager*

Connect Software Connectivity

WRC series lighting controller (typical)

autaniNet 2.4GHz wireless mesh network

Autani *Manager* Appliance with *Connect* Software

Web enabled PC, tablet, or device with browser (optional)

IP connection for monitoring and management of sensors, relays & switches

Building Automation System