

## Authorized Systems Integrator Program

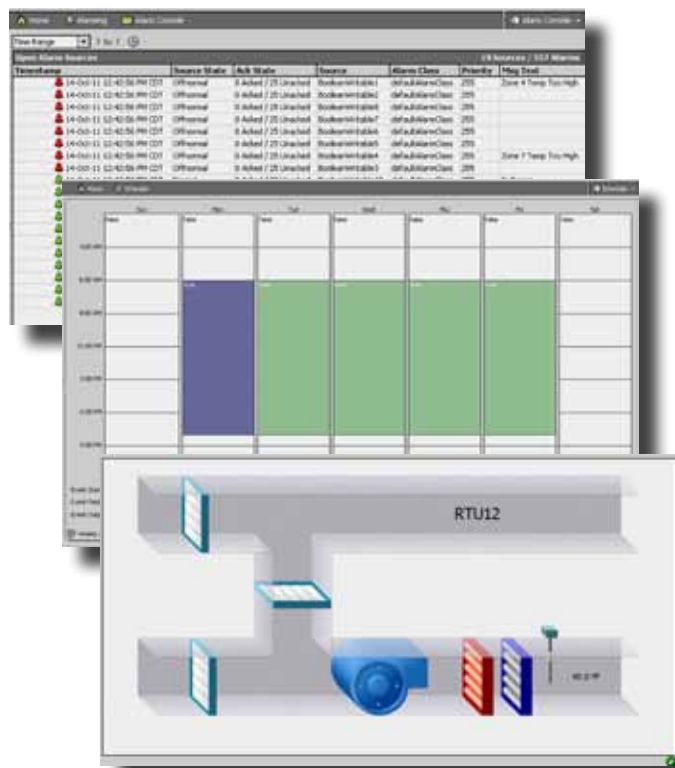


Consistent with our “Building on BACnet” message, Contemporary Controls has executed an original equipment manufacturer (OEM) contract with Tridium® of Richmond, VA. Tridium, a wholly-owned subsidiary of Honeywell International Inc., is the developer of the very popular Niagara<sup>AX</sup> Framework® technology used to link controllers and devices primarily in building automation systems. Tridium, which touts its device-to-enterprise integration solutions, claims to have almost 300,000 instances of Niagara<sup>AX</sup> operating around the world. Of the four largest building automation equipment providers, three of them utilize Niagara<sup>AX</sup> Framework. As a licensee of Niagara<sup>AX</sup> Framework, Contemporary Controls has created an Authorized Systems Integrator Program to recruit systems integrators that will purchase, install and commission building automation systems for end users.

This is an opportunity for traditional electrical and mechanical contractors to gain access to one of the most popular building automation technologies allowing them to bid on the controls portion of a project. As part of our BASautomation™ product line, Contemporary Controls has developed a Scalable Building Strategy that incorporates Niagara<sup>AX</sup> Framework in a modern device-to-Internet solution.

## Contemporary Controls' Role

With BASautomation — *Building on BACnet® and CTRLink®* — *Ethernet Built for Buildings*, Contemporary Controls provides the building blocks for networking, integrating and controlling a building. As part of its Scalable Building Strategy, Contemporary Controls purchases Niagara<sup>AX</sup> software licenses and hardware from Tridium. Using a single programming tool called BASworkbench<sup>AX</sup>, a systems integrator can configure and commission Niagara building and supervisory controllers along with Sedona Framework field controllers yielding a scalable building automation system for small, medium and large buildings. By purchasing a BASautomation system from Contemporary Controls, a mechanical or electrical contractor can make the migration to a BAS contractor or BAS systems integrator and bid on the same jobs previously dominated by the big four BAS suppliers. Contemporary Controls provides products, technical support and access to training for those contractors that sign up for Contemporary Controls' Authorized Systems Integrator program.



## Authorized Systems Integrator Role

The Authorized Systems Integrator (ASI) represents the interface between Contemporary Controls and the End User. The ASI purchases equipment from Contemporary Controls and other companies for a particular job and installs and commissions the project for the End User. This is a role Contemporary Controls does not assume. In order to become an ASI, the contractor must adhere to the following requirements:

- Pay a nominal initial set-up fee to be registered by Tridium as a Contemporary Controls' Authorized Reseller Partner.
- Pay an annual technical support fee so that the ASI and its end users can receive second-level technical support from Tridium through Contemporary Controls. Contemporary Controls provides first-level support.
- Have no less than one ASI employee become Niagara<sup>AX</sup> certified through a formal one-week training course.
- Purchase a minimal amount of demo equipment and programming tools in order demonstrate the capabilities of the technology.
- Adhere to the restrictions stated in Contemporary Controls' Authorized Systems Integrator Agreement.



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# Scalable Building Strategy

## Powered by Niagara<sup>AX</sup> Framework<sup>®</sup>

The Niagara<sup>AX</sup> Framework<sup>®</sup> is a software platform that integrates diverse systems and devices regardless of manufacturer, or communication protocol into a unified platform that can be easily managed and controlled over the Internet using a standard web browser. By integrating diverse building systems such as environmental controls, security, lighting, energy, video, fire and life safety, Niagara is creating better buildings — ones that are smarter, use less energy, are more efficient.

Contemporary Controls utilizes Niagara<sup>AX</sup> Framework in its scalable building strategy because of the wealth of integration options and its flexible control hierarchy. The BASsupervisorAX network server provides centralized data logging, alarming, scheduling and real-time displays to web browser clients. The BASintegratorAX building controller provides local supervision over BACnet routers, gateways and Powered by Sedona Framework field controllers. Control programming and configuration are accomplished using a single tool — BASworkbenchAX.



**BASsupervisorAX**  
Network Server



**BASintegratorAX**  
Building Controllers



BACnet/IP

BACnet/IP

**BASrouterLX**  
BACnet Router

**BAScontrol20**  
Field Controllers

**BASremote**  
Controller Gateway

**BASgatewayLX**  
BACnet Gateway



BACnet MS/TP



Pulse Devices

Modbus



Energy Meters

Actuators

Sensors

Communicating Thermostats

## About Contemporary Controls

Contemporary Controls has been supplying the industrial and building automation industries with communications and controller products for over 35 years. A majority of that time was spent providing building automation OEMs with network interfaces for ARCNET, BACnet, CAN, Ethernet and Modbus. Contemporary Controls is active in the BACnet community and is a member of BACnet International. The company has also partnered with Tridium on both their Niagara and Sedona Framework technologies. With Internet access a given, IP networks have become very popular and represent the new wave in industrial and commercial building communication with field and building controllers attached to Ethernet networks with routers attached to the Internet. Contemporary Controls is unique in the industry by supplying products that maximize the benefits of both BACnet and Ethernet. While Contemporary Controls designs and manufactures controls and network infrastructure products, it is not a systems integrator but views systems integrators as a valuable contributor to a successful building automation project.

## Powered By Sedona Framework™

Sedona Framework is a software environment designed to make it easy to build smart, networked, embedded devices which are well suited for implementing control applications. For those familiar with Niagara<sup>AX</sup> Framework®, understanding Sedona Framework will be easy. The system integrator's role is to create a freely programmable control sequence by assembling components on a wire sheet and connecting and configuring these components using a graphical programming tool such as BASworkbenchSX or BASworkbenchAX. There are over 70 pre-defined components to choose from and it is possible to develop custom components if they are needed. Applications can be developed live on a target device such as the BASremote or BAScontrol20, or offline and then saved and uploaded via an IP connection. Because the BASremote and BAScontrol20 are both BACnet/IP compatible, these Sedona Framework compatible devices will operate in both BACnet and Niagara Framework environments.



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## Quality Policy

Contemporary Controls develops, manufactures and markets innovative networking and control products to the benefit of our automation customers worldwide. We are committed to delivering products and services that meet customer requirements and strive to exceed their expectations through our continuous improvement efforts.

