Truly Open BACnet Controllers Built on the Sedona Framework

There are many BACnet controllers on the market which utilize a closed/restricted programming tool with a proprietary programming language. Our concept of a truly open controller is one which uses BACnet, an open protocol, an open source drag and drop component based programming language - Sedona, as well as an unrestricted programming tool - our free Sedona Application Editor. Our BAScontrol family of products provide all of the features necessary for a truly open controller.

- **Rugged design, low profile, and wide temperature operation suitable for indoor or outdoor use**
- **Options to integrate into BACnet IP and BACnet MS/TP networks**
- **Web page configurable**
- **Open protocol for network communications**
- **Open programming language for implementing building automation and control logic**
- **Programming and management tools available for free download and without restrictions**
  - **Sedona Application Editor (SAE) – used to develop and deploy control logic**
  - **BASbackup – used to backup and restore controllers' wiresheet and configuration**
  - **BACnet Discovery Tool (BDT) – used for BACnet device discovery and network configuration**

CONTEMPORARY CONTROLS®

Open Controllers

BAScontrol22

BAScontrol22S

BASview

BACnet™ Built on the **Sedona FRAMEWORK™**

- **Open protocol in BACnet**
- **Open Programming Language in Sedona Framework**
- **Free Engineering Tools**
  - Sedona Application Editor (SAE)
  - BASbackup project utility
  - BACnet Discovery Tool (BDT)
- **Available without restrictions**

Sedona Alliance Learn more about the Sedona Alliance at sedona-alliance.org

BASview is a stand-alone, embedded, web-based graphical interface for building automation.

Redesigned with wide temperature rating, the BAScontrol series includes 20 and 22-point unitary controllers. All controllers support both BACnet/IP and Sedona Framework (SOX) protocols via a direct connection to an IP/Ethernet network. BAScontrol22S accommodates an EIA-485 port for integration to BACnet MS/TP networks, providing flexibility. Each device in the series is a freely-programmable controller executing Sedona's drag-and-drop methodology of assembling components onto a wire sheet to create applications.

The Sedona Framework advantage:

- **Powerful drag-and-drop visual programming methodology**
- **Those with experience in Niagara Framework will have no problem understanding Sedona Framework**
- **Fast and easy to learn**
- **Pre-assembled components for quick and easy program development**
- **Continuously growing library of components**
- **Program deploys in real time**
- **Program runs stand alone in the controller or it can interact with program in supervisory controller over Ethernet or MS/TP depending on your model**
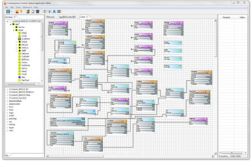- **Ability to use Workbench or Sedona Application Editor**

CONTEMPORARY CONTROLS®

Sedona Framework is a component-oriented programming language designed to make it easy to build smart, networked embedded devices. Pre-built components are easily assembled into applications, even if you have little or no experience programming. Components can act as services or be explicitly linked together to create data and control logic in real time. This model is especially suited to graphical programming tools such as Contemporary Controls' Sedona Application Editor (SAE) or Workbench. It has a similar look-and-feel to the popular Niagara Framework™ and it is IP-based. System Integrators are free to use Contemporary Controls' Sedona Application Editor to program Sedona-compliant devices from any Sedona supplier.

BAScontrol22 and 22S are rugged and low profile, wide temperature operation, freely-programmable Sedona unitary controllers perfectly suited for indoor or outdoor applications such as in RTUs, AHUs, Water Source Heat Pumps, and Fan Coil Units.

BAScontrol22 BACnet Sedona Unitary Controller

Versatile Control Device - Unitary controller or remote Ethernet I/O
- Industrial operating temperature over −40° to +75° C
- Two 10/100 Mbps Ethernet ports
- 8 Configurable Universal Inputs, 4 Binary Inputs, 4 0 to 10V Analog Outputs, and 6 Relay Outputs
- Resident Sedona Virtual Machine (SVM)
- Programmable via Workbench or Sedona Tool
- Configurable via a common web browser

- DHCP client capabilities
- Manually or NTP settable real-time clock
- COV subscriptions - 14 binary and 2 analog
- 24 VAC/VDC powered

In addition to these features, the BAScontrol22S BACnet Sedona Unitary Controller allows for integration to a BACnet MS/TP network thanks to its opto-isolated EIA-485 port.

BASview Web-Based, BACnet Client with Graphical Interface

The BASview provides all of the features expected from a building management system such as: trending, alarming, scheduling, and visualizing data points in an organized and efficient manner. It provides easy to use client functionality over a BACnet/IP or Modbus TCP network. By using Contemporary Controls' BASrouter or BASgateway products, additional protocols such as BACnet MS/TP and Modbus RTU and Modbus ASCII are supported.

Ordering Information

Model	Description
BASC-22R	BAScontrol with 22 I/O points, includes 6 relay outputs
BASC-22S	BAScontrol with 22 I/O points, includes 6 relay outputs plus EIA-485 port
BASV-1	Web-based Graphical Interface

https://www.ccontrols.com/controlscon

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