

For immediate release

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NEWS RELEASE**New Products Introduced at AHR Expo 2010**

The BAS Remote and BAS Router are significantly upgraded and the new EIPE single-point Power over Ethernet injector was introduced

Downers Grove, Illinois (February 1, 2010) – Contemporary Controls began the new decade by introducing several new building automation products at AHR Expo 2010 in Orlando, Florida.

“We’re starting 2010 with two significant firmware releases and a new Power over Ethernet injector,” said George Thomas, president of Contemporary Controls. “The BAS Remote has been upgraded to include Tridium’s Sedona controller capability and Modbus mapping to BACnet; the BAS Router has become a multi-network router; and, Power Over Ethernet (PoE) could be in your future plans with the release of the EIPE Skorpio PoE Injector.”

**BAS Remote 3.0**

The BAS Remote was originally developed as a BACnet/IP Remote I/O device that could connect to an IP Ethernet infrastructure. With a Modbus serial bus interface, the BAS Remote routed Modbus TCP messages to attached Modbus serial slaves. With firmware version 3.0, BACnet integration is enhanced because these same Modbus slaves can now be mapped as BACnet objects. Two utility programs – one called Project Builder and the other Device Profiler – are available for free from the Contemporary Controls’ website to assist in the mapping effort. If a Modbus profile already exists, there is very little work involved. Modbus compliant energy meters are

very common and with version 3.0, these meters are discoverable as BACnet objects via an IP Ethernet connection.

“At the AHR Show, customers involved in boiler controls and lighting controls, which typically have a Modbus interface, were extremely pleased to see the Modbus to BACnet mapping enhancements in the BAS Remote 3.0,” said Joe Stasiek, Sales Manager of Contemporary Controls. “The BAS Remote allows them to convert the Modbus variables to BACnet objects for installations and systems that require BACnet.”

With version 3.0, the BAS Remote becomes a controller with its resident *Powered by Sedona Framework*™ virtual machine. Application programs developed on either Tridium’s Niagara Workbench or Sedona Workbench will execute on the BAS Remote. Sedona Framework provides a rich set of function blocks that can easily be connected with “wires” to create control schemes. Not only can the BAS Remote’s resident I/O be controlled by Sedona Framework but attached Modbus devices as well.

“Many customers were surprised to learn that some of the functionality in a Tridium JACE can be had in a BAS Remote using the Sedona Framework controller capability,” said Mr. Thomas.

Other features in version 3.0 include the ability to serve up custom web pages, support for Web Services, and the ability to create virtual objects.



BAS Router 2.0

The BAS Router has become very popular due to its simple configuration and its ability to provide a low-cost solution for attaching a BACnet/IP network to BACnet MS/TP.

“It was already a popular product,” said Mr. Stasiek, “but customers asked us for more. The result is a multi-network router that allows three-way routing between BACnet/IP, BACnet Ethernet and BACnet MS/TP.”

The BAS Router provides stand-alone routing between BACnet networks such as BACnet/IP, BACnet Ethernet, and BACnet MS/TP — thereby allowing the system integrator to mix BACnet network technologies within a single BACnet internetwork.

Foreign devices now can register with the BAS Router. Other new features include additional web pages for BBMD configuration, display of the Broadcast Distribution and Foreign Device tables, an advanced page for working with NAT routers, and access to a diagnostic page to help troubleshoot the router’s connection to the networks.

“Many of our customers at the AHR Show are already using our BAS Router,” said Mr. Thomas. “They were excited to see the support for BACnet Ethernet and BBMD. We’re offering free upgrades to our existing customers, so they can take full advantage of these new features.”



EIPE Power over Ethernet Injector

Added to the Skorpion series within the *CTRLink – Ethernet for Automation* product line is the EIPE, a single-point PoE injector. As power sourcing equipment (PSE), the EIPE is capable of sourcing 15.4 W at its OUT connector.

The advantage of the EIPE is that it can be powered by a 24 VAC/VDC supply and therefore does not require a 48 VDC source to generate the required PoE voltage.

“At the AHR Show, we demonstrated the EIPE injector powering a BAS Remote Master PoE along with a damper actuator using a single Ethernet cable,” said Mr. Stasiek. “We call this ‘the single cable solution’. As long as the total load does not exceed 13 Watts at the end of a 100 m run, the single cable solution is viable. This is ideal for installations where there is no availability of low voltage power. It also saves in wiring cost and installation expense.”

About Contemporary Controls

Contemporary Controls is your ideal automation project partner for applying Ethernet, BACnet, Modbus, Sedona Framework, ARCNET and Controller Area Network (CAN) technologies. With over 30 years of experience in electronics design, development and manufacturing of networking and controls products, Contemporary Controls has the expertise to guide customers through the network maze. Contemporary Controls is headquartered in Downers Grove, Illinois, USA with additional locations in China, Germany and the United Kingdom. For more information, visit www.ccontrols.com, call 630-963-7070 or email info@ccontrols.com.