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For immediate release

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New Products to be Introduced at AHR Expo 2010

The BAS Remote and BAS Router are significantly upgraded; the new EIPE single-point Power over Ethernet (PoE) injector is added to the CTRLink product line
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Downers Grove, Illinois (January 20, 2010) – Contemporary Controls is starting the new decade by introducing several new building automation products at AHR Expo 2010 in Orlando, Florida on January 25-27. The BAS Remote, often called the versatile building automation appliance, now is even more versatile with firmware release 3.0. The BAS Router has now become a BACnet multi-network router with firmware release 2.0. Finally, Power Over Ethernet (PoE) could be in your future plans with the release of the EIPE Skorpion 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, it would route 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.

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.

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.

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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 to attaching a BACnet/IP network to BACnet MS/TP. However, customers asked Contemporary Controls for more. Version 2.0 turns this simple but effective router into a multi-network router. Three-way routing is now possible between BACnet/IP – BACnet Ethernet – BACnet MS/TP. There are still plenty of BACnet Ethernet systems to connect to; and, foreign devices can now register with the BAS Router. Other 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.

Skorpion PoE Injector

Added to the Skorpion series within the CTRLink – Ethernet for Automation product line is a single-point Power over Ethernet (PoE) injector. As power sourcing equipment (PSE), the Skorpion PoE Injector is capable of sourcing 15.4 W at its OUT connector. This amount of power will allow a powered device (PD) to consume up to a maximum of 12.95 W of power at the end of 100 m of CAT5 cable.

These specifications come from tables 33-3 and 33-10 of the IEEE 802.3af-2003 standard.

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. Contemporary Controls will be demonstrating an EIPE injector powering a BAS Remote Master PoE along with a damper actuator using a single Ethernet cable. Contemporary Controls calls this the "single cable solution."

These new products and more will be on display at booth #1169 at AHR Expo.

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, serving the Americas, EMEA and APAC. For more information, visit www.ccontrols.com, call 630-963-7070 or email info@ccontrols.com.