



**2014 AHR Expo®**  
**Jan. 21-23**  
**New Product Preview for**  
**Continental Control Systems**  
**Booth 252**

**Continental Control Systems**  
3131 Indian Road  
Boulder, CO 80301  
USA

**Company Contact:**  
Cynthia A. Boyd  
Director of Sales  
Tel: +1 (303) 444-7422  
Email: [cynthiab@ccontrolsys.com](mailto:cynthiab@ccontrolsys.com)

**Agency Contact:**  
Carolyn Archambault  
Redpines  
Tel: +1 (450) 534-9980  
Email: [carolyn@redpinesgroup.com](mailto:carolyn@redpinesgroup.com)

**About Continental Control Systems**

Founded in 1995, Colorado-based Continental Control Systems specializes in electric power metering and monitoring equipment. The company's solutions are designed to provide key electrical system measurements including power (kW) and energy (kWh) through a variety of communication protocols including BACnet®, Modbus®, and LonWorks® or as pulse outputs. Applications for the *WattNode*® meter and *Accu-CT*® current transformers include building automation, LEED certification, tenant submetering, performance verification/evaluation/diagnostics, net metering, and energy management.

All Continental Control Systems products are listed or recognized by Underwriters Laboratories Inc. for use in both the United States and Canada (cUL).

*All trademarks appearing herein are the property of their respective owners.*

**Company Quote:**

*"This year is going to be our biggest showing yet at AHR, with several new solutions designed to meet the market demand for increased energy efficiency in any facility. Visitors to the Continental Control Systems booth will see our C12.1-compliant and BTL-listed WattNode electric power meters, and our new flexible Rogowski coil current transformer for challenging installations. We will also showcase our BACnet based products in BACnet International's booth 114."*

**— Cynthia A. Boyd, Director of Sales at Continental Control Systems**

*More...*

## Continental Control Systems Products at AHR Expo®

### **WattNode® Electric Power Meters — Now Offering ANSI C12.1 Accuracy, Accepted for Listing by BTL**

At AHR Expo® 2014, Continental Control Systems will showcase its entire line of *WattNode®* electric power meters, including the revenue-grade *WattNode Revenue* line. The *WattNode Revenue* meters meet the accuracy requirements of ANSI C12.1, and support Modbus®, BACnet®, or LonTalk® communications protocols or pulse output.

Premiering at AHR Expo, the *WattNode Revenue Modbus®* is the first meter in the Revenue line to be independently certified to the requirements of the American National Standard for Electric Meters Code for Electricity Metering: ANSI C12.1-2008. The ANSI C12.1 standard establishes acceptable performance criteria and in-service performance levels for meters used in revenue metering, and is often referenced by government and regulatory bodies when approving meters for use within their jurisdiction. The *WattNode Revenue Modbus* has also been listed by the California Energy Commission as PBI eligible.

All *WattNode* energy meters provide line-powered single and three-phase wye or delta configurations up to 600 Vac and loads to 6000 amps. The newest member of the family, the *WattNode BACnet* meter, supports full self-discovery of the meter and all of its objects, offering more than 50 electric power-related measurements, 64 addresses, and selectable baud rates up to 76.8K. The unit has also been accepted for listing by BACnet Testing Laboratory (BTL).

**Photo Link:** [www.redpinesgroup.com/CCS/CCS-RevenueModbus.jpg](http://www.redpinesgroup.com/CCS/CCS-RevenueModbus.jpg)

**Photo Link:** [www.redpinesgroup.com/CCS/CCS-BacNET\\_Angle\\_with\\_BTL.jpg](http://www.redpinesgroup.com/CCS/CCS-BacNET_Angle_with_BTL.jpg)

### **New CTRC Rogowski Coil Current Transformer**

Continental Control Systems' new CTRC Rogowski coil current transformer will make its debut at the 2014 AHR Expo®. The device greatly simplifies installations to meet the increasing demand for accurate current measurement on conductors where traditional split-core and solid-core CTs are difficult to use. With its flexible design, the CTRC is perfect for large bus bars and irregular-shaped conductor bundles. The new coil offers a small, flexible profile, enabling it to be used on conductors in tight spaces where rigid CTs won't fit.

Available for single and three-phase services, the output of the CTRC's flexible coil is connected to a conditioning circuit, where it is converted to a low-voltage 333.33 mVac signal compatible with any *WattNode®* meter for accurate energy (kWh) and power (kW) production and consumption measurements. The UL-recognized CTRC provides accuracy of  $\pm 1.0$  percent from 5 percent to 120 percent of rated current for loads up to 6000 amps. The Rogowski coil is offered in four standard diameters from 3.1" round (loads to 400 amps) to 12" round (loads to 4000 amps). Non-standard size and load configurations are available upon request.

**Photo Link:** [www.redpinesgroup.com/CCS/CCS-CTRC-250.jpg](http://www.redpinesgroup.com/CCS/CCS-CTRC-250.jpg)