

### INSIDE THIS ISSUE:

CONTEC

Sensicast

Wago

## IOWA, NEBRASKA, SOUTH AND NORTH DAKOTA



### PROVIDING HARDWARE FOR TODAY'S APPLICATIONS

**Measurement & Control:** Offering over 200 PC-based control products, all boards are shipped with drivers that help end-users to write their own programs and to allow CONTEC boards to be used with NI's Labview or Mathworks' MatLab. In addition, CONTEC provides their own measurement software including C-Logger for data logging, FFT Analyzer for frequency analysis and Function Generator for generation of waveforms.

**Product Line:**

Digital Input and Output	GPIB
Analog to Digital Converters	Bus Adapters and Expanders
Serial Cards -RS-232C/RS-422C/RS-485	Logger, Analyzer and Recorder Software

**Distributed Monitor & Control:** Din rail mountable micro-component distributed I/O brings effortless interconnection and seamless integration for enterprise systems from the factory floor to corporate offices. CONTEC's F&eIT Series communicates via its own protocol which utilizes the UDP/IP layer with an added response confirmation process. Both the protocol and the module's bus structure are based on open architecture and can be easily integrated into existing systems.

**Product Line:**

Ethernet Enabled Data Acquisition	Active Touch OPC HMI
Serial/GPIB to Ethernet Converters	Industrial Wireless Ethernet
Web Server/Monitor Hardware and Software	



**Industrial PC Products:** CONTEC Microelectronics offers a complete line of Industrial PC Products that are designed with three main features in mind -Quality, Longevity, and Long-term Availability. Additional features include: *NEMA 4 rated front panels on our touch screen displays and panel PCs (standard and Windows CE), Industrial PCs that are designed to operate efficiently in both factory and laboratory settings, CONTEC customized BIOS for fast system boot and easy system recovery, Easy access to cabling, external connections, and internal components for easy maintenance*

**Product Line:**

Fanless Box PCs	Computers for Windows CE
Integrated Panel PCs	Silicon Disk Drives
Flat Panel Displays	



**"Built to Order" Chassis Systems:** CONTEC can provide integrated chassis systems for your network or automation projects. Offering over 30 single board computers for you to choose from. An array of PICMG, PISA, PCI and NLX boards feature VIA, Hitachi, Ultra Low Voltage Celeron, and Pentium 4-CPU's with memory capacities up to 2GB. In addition, there are over 1,000 different chassis configurations, a variety of passive backplanes and a large number of industrial mother boards.

**Product Line:**

Single Board Computers	RAID Systems
Industrial Mother Boards	Software Integration
Rackmount/Wallmount Chassis	

*For the Minnesota Training Schedule, visit us online at [www.braasco.com](http://www.braasco.com), Training & Services, then to Customer Training*

### LOCATIONS

Eden Prairie MN  
952.937.8902  
1.800.288.6628

North & South Dakota  
1.800.309.5393

Iowa & Nebraska  
1.800.238.8857

Milwaukee WI  
1.800.242.8313

Madison WI  
1.800.242.8313

Fox River Valley WI  
1.800.242.8313

Oldsmar FL  
1.800.282.8124

Elgin IL  
1.877.942.7227

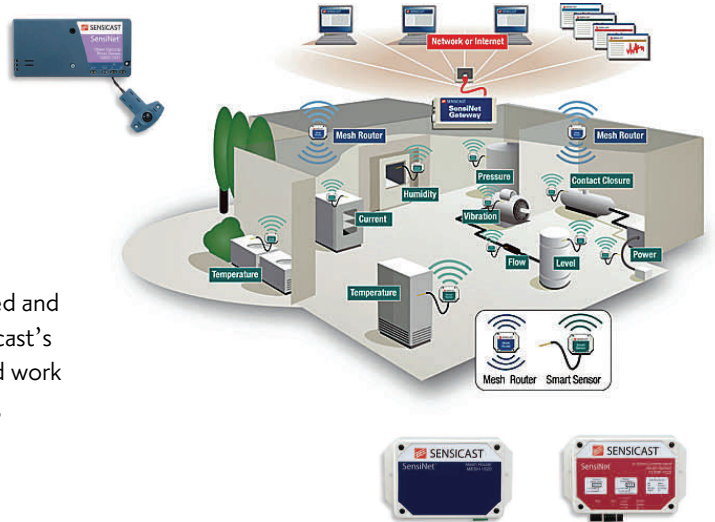


### SENSICAST

#### SENSINET® SMART SENSOR DATA TYPES

All Smart Sensors allow for wireless acquisition of hundreds of different types of sensor data. They can be easily connect to previously-installed legacy sensor probes, as well as new sensor probes in order to address any data-monitoring requirement. Supported data types include:

- |                                 |              |
|---------------------------------|--------------|
| Temperature                     | Humidity     |
| Contact Closure                 | Current      |
| Voltage                         | Pressure     |
| Power in Kilowatt Hours         | Vibration    |
| Fluid Flow                      | Distance     |
| Gas Flow                        | Bio-Material |
| Gas Types –CO <sub>2</sub> , CO | Many Others  |



#### SMART SENSORS INSTALL ANYWHERE

Smart Sensors are the heart of SensiNet’s flexibility. Small, battery operated and installed anywhere without the expense or inconvenience of wires, Sensicast’s Smart Sensors automatically “introduce themselves” to the network and work reliably for years. They monitor multiple data types essential for industrial, manufacturing, and laboratory processes including:

- |                     |                                  |
|---------------------|----------------------------------|
| Pressure            | Motion                           |
| Temperature         | Light                            |
| Current and Voltage | Humidity, Moisture and many more |



#### INTERFACE MODULES FOR ALLEN-BRADLEY® PLC PLATFORMS

##### Connect with CAGE CLAMP®

Wiring systems for PLC I/O cards have been reducing wiring time, eliminating errors, and adding functionality for many years. Now, with the WAGO interface modules, users gain the added functionality and benefits of wiring with CAGE CLAMP® for field side connection. For over 25 years, CAGE CLAMP® has proven itself as a

- ...highly reliable connection technology
- ...vibration-proof connection technology
- ...corrosion resistant connection technology
- ...thermal-cycling resistant connection technology
- ...that is up to 60% faster than wiring with screw-type technology!



##### Wago Protect - Non-Degrading Silicon Surge Suppression

The WAGO-Protect series DIN rail mount surge suppressors are high-speed, high-current, solid-state devices designed to protect sensitive electronic equipment (PLCs, PCs, etc.) from transient over voltages present on AC/DC power lines. Powered by patented Silicon Avalanche Suppressor Diode technology from Transtector, these suppressors provide the utmost in protection without degradation –unlike MOV based technology.

Wago product options 120, 240, and 24 volt, 20 amp and a five year unconditional warranty with an expected useful life of more than 20 years.

