



## News

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### Company Backgrounder

#### **Accsense, Inc.**

Co-founded by electronics and software manufacturing veteran Matthew Cheresch with master engineer Steven Riley, Accsense, Inc. provides turnkey, web-based remote monitoring solutions for a broad spectrum of businesses and industrial enterprises.

Accsense makes easy-to-use tools and services that streamline commercial processes and operations management. By leveraging the convenience offered by wireless and Internet technologies, Accsense solutions are easy to use and quick to deploy. Through the secure, hosted software service, managers, engineers and non-technical staff can have ready online access to their data, and can watch for situations or equipment failure around the clock, and from any location.

#### **The Accsense Solution**

Right out of the box, the Accsense solution measures a wide range of physical properties such as temperature and makes real-time measurements available online from any computer or Web-enabled device. No software installation or complex configuration is required.

The Accsense product line features wireless sensor Pods that measure ambient temperature, humidity, light, noise and vibration. Accsense sensor Pods are compatible with a range of standard external plug-in sensors and probes, including thermocouples, RTDs and thermistors. Their industry-standard 4-20ma, 0-5V, digital (contact closure) and pulse counter inputs can also connect

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## **2-2-2-Accsense Backgrounder**

to sensors that measure flow, pH, electrical current, pressure, acceleration, gas concentration, tank levels, proximity, wind speed, soil moisture – almost anything that can be measured. A single Pod can simultaneously measure up to nine different properties. The Pods can also be directly connected to the outputs from Programmable Logic Controllers (PLC) for an easy way to provide real-time PLC/process status monitoring on the Web.

Accsense products can streamline processes across all industries. Applications for food processing plants, medical manufacturing facilities, labs of all kinds and agricultural entities can offer immediate benefits and cost-savings. The product is ideal for remotely monitoring equipment – for example, when harmful chemicals or extreme conditions prevent onsite monitoring or when a scientist or manager is at home or miles away from a lab, plant, field or facility. The Accsense solution may render strip chart recorders obsolete by enabling the digital reporting and archiving of information now recorded by pen and paper.

The Accsense system's cost savings are significant when considering the cost of installing and maintaining a wired sensor network (typically \$100/ft. or more), but the real value of the Accsense solution comes with the enhanced quality of decision-making that results from having more and better information about physical processes.

The complete Accsense product includes up to 16 wireless sensor Pods; a Pod Gateway for connecting the sensor network to the Internet; and an online account for monitoring, delivering alarms, storing and analyzing data. The sensor Pods automatically form a highly secure, self-healing mesh network with a wireless reach of up to 4,000 feet (3/4 mile).

Accsense markets individual sensor Pods as well as bundled solutions including a starter kit, environmental monitoring kit, and temperature kit. Each kit contains one or more sensor Pods, the Pod Gateway, a 12-month premium subscription, and essential accessories in a portable carrying case.

### **About Accsense, Inc.**

Headquartered in Santa Barbara, Calif., Accsense is the leading provider of wireless sensor solutions that are quick to deploy and easy to use. Accsense delivers affordable remote monitoring and data acquisition/logging sensor networks to customers including manufacturing plants, factories, labs, hospitals and greenhouses. For additional information, see <http://www.accsense.com>.

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