



## NEWS

### **Aginova Announces Wireless Energy Meter and Rugged Temperature Wi-Fi Sensor -- both Powered by GainSpan Embedded Wi-Fi Technology**

*Ultra Low power GainSpan embedded Wi-Fi SoC enables low cost environmental monitoring*

**Freehold, NJ and San Jose, CA, November 15, 2010** – [Aginova Inc.](#), a wireless sensor network solutions provider, and [GainSpan](#) Corporation, a leader in low power embedded Wi-Fi solutions, announced the release of two new products in Aginova's Sentinel Sensor Series – a Wireless Energy Meter and a Rugged Temperature Wi-Fi Sensor. The new products are based on GainSpan's low power embedded Wi-Fi [GS 1011 SoC](#) (system-on-chip), allowing easy integration and deployment of Wi-Fi sensor networks.

"We've worked closely with GainSpan for years because of their expertise in developing and deploying low power Wi-Fi technology. Their expertise has been essential for our battery operated devices where low power consumption is critical," said Ashok Sabata, CEO of Aginova. "We decided to use GainSpan's solution for our newest products too, even though some of them aren't battery operated, because of its ease of integration and reduced development cycle compared to other Wi-Fi solutions. With GainSpan adding Wi-Fi connectivity is seamless."

The Sentinel Power is a wireless energy meter designed to monitor and control electricity consumption. By breaking out how and where energy is used—via an interactive view of power consumption using maps, graphs, reports and alerts—Sentinel Power provides a simple and cost-effective means of energy management. Unlike other power meters, Sentinel Power provides for non-intrusive installation—no electrician is required, no power interruption is necessary. Its split-core sensor technology allows the meter to be installed without having to power down all the buildings equipment, particularly important for commercial buildings and hospitals. Available as a single or three-phase meter, it is the first to cover such a wide range of voltage and current -- from 20 to 2000A and 90 to 500VAC. Sentinel Power can be used in applications including commercial buildings, hospitals, data centers, supermarket chains, schools and TV studios.

The rugged and splash resistant Sentinel Nomad is designed for continuous temperature monitoring in outdoor and harsh environments. It is ideal for container temperature tracking,

## Aginova Announces New Products Powered by GainSpan

food storage, warehousing, healthcare and military applications. The Nomad's internal temperature probe covers a range from -40 to +70°C. It can page, email and visually alert any computer screen whenever temperature sensitive items are outside the prescribed parameters. The Nomad includes a pushbutton switch as well as a 3-color LED for ease of deployment. The Nomad can last up to 5 years on a single AA lithium battery.

"We're glad to see Aginova extending their product line and introducing products like Sentinel Power. We see a lot of customer demand for energy management products and believe that the sector will see significant growth the next few years," said Bernard Aboussouan, vice president of marketing at GainSpan. "Products such as Sentinel Pro can leverage the existing Wi-Fi infrastructure in most buildings, significantly reducing overall installation costs. Furthermore these products could connect to the internet using Wi-Fi and IP highly tested and secure protocols. It just makes sense."

### **Availability**

The new products are available for order now. To order the Sentinel Power, visit Aginova's product page at: [http://aginova.com/sentinel\\_sensor\\_wifi\\_energy\\_meter.php](http://aginova.com/sentinel_sensor_wifi_energy_meter.php)

To order the Sentinel Nomad, visit Aginova's product page at: [http://aginova.com/wifi\\_sensor\\_sentinel\\_nomad.php](http://aginova.com/wifi_sensor_sentinel_nomad.php)

### **About Aginova**

Aginova Inc. provides affordable, low power Wi-Fi sensor network solutions that make a ubiquitous sensing world come alive by providing customers actionable feedback. Aginova's products bring the sensor world to the internet using web services and are used in environmental monitoring applications as well as condition based maintenance applications in industrial and the defense markets. Aginova has offices in the U.S. and Switzerland. For more information, visit [www.aginova.com](http://www.aginova.com).

### **About GainSpan**

GainSpan is a leading fabless semiconductor company focused on connecting things wirelessly to the Internet. GainSpan's low power embedded Wi-Fi allows devices to leverage the large base of Wi-Fi access points and gain Internet connectivity. Solutions from GainSpan simplify and accelerate the process of adding Wi-Fi to devices by offloading Wi-Fi and IP functionality from any 8-32 bits microcontroller. GainSpan embedded Wi-Fi is used in applications including healthcare, smart energy and control and monitoring for industrial, commercial and home markets. The Company is based in San Jose, CA, and has R&D facilities in Bangalore, India. [www.gainspan.com](http://www.gainspan.com)

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