

RTC CoA debuts first Wi-Fi based Smart thermostat powered by GainSpan.

New York & San Francisco, CA November 17, 2008 – Radio Thermostat Company of America (RTC CoA) today unveiled its first Wi-Fi based programmable communicating thermostat, the CT80, based on GainSpan's GS1010 SoC (System on Chip) device. Designed specially for energy management (AMR/AMI) and home automation applications, the thermostat can connect to the homeowner's Wi-Fi network. Wi-Fi gives programmability access to the thermostat from any computer and helps consumers conserve energy, save money and reduce their environmental impact without the need for costly infrastructure.

“We chose to use the highly optimized Wi-Fi SoC from GainSpan as it enables our thermostats to connect to the existing standards based Wi-Fi home network,” said Dan Goodman, Chief Technical Officer of RTC CoA and their partner company Golden Power Manufacturing. “

With a full dot-matrix LCD screen, the CT80 is extremely versatile as a three stage heat, two stage cool, Programmable Communicating Thermostat with in-home display capability. This thermostat is 100% guaranteed compatible with all popular HVAC systems and also has the capability to accept two communication modules simultaneously. RTC CoA adds Wi-Fi capability to the thermostat using a radio module, designed with the GS1010 ultra-low power Wi-Fi SoC which plugs into the communicating port(s) of the thermostat.

“We are proud to provide the technology that enables the deployment of energy management devices like the RTC CoA thermostat and in-home display units,” said Vijay Parmar, GainSpan CEO. “Wi-Fi based ultra-low power silicon for AMR/AMI and Home automation applications will not only enable home energy conservation but also lower costs by leveraging the vast penetration of residential Wi-Fi hotspots.”

With the RTC CoA Wi-Fi thermostat technology platform, Utilities can establish two-way communications to send customers new rate structure messages, notices of demand response alerts and events to drive reduction of peak demand. Complete system solutions including various options and application software will become available within the next several months.

About RTC CoA

Radio Thermostat Company of America, a leading provider of Home Area Network (HAN), produces next generation products such as thermostats, in-home displays, and load shed devices specifically for energy management and home automation applications. RTC CoA combines an expertise in wireless communications with the large scale manufacturing and distribution support of their partner company, Golden Power Manufacturing. RTC CoA provides an extensive range of functionality in their products at an extremely competitive price point. For more information visit www.radiothermostat.com

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About GainSpan

GainSpan is an embedded Wi-Fi semiconductor company providing a low power single-chip solution. Whether companies are developing sensor networks or entering new markets enabled by low-power Wi-Fi, GainSpan provides the most cost-effective, energy-efficient approach. Founded from within Intel in 2006, GainSpan is headquartered in Los Gatos, California. For more information visit www.GainSpan.com.

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