



FOR IMMEDIATE RELEASE

AMBIENT SHOWS NEWEST PRODUCT AT GRIDWEEK

Ambient Joins Utility Leaders on Energy Efficiency Panel

Washington, D.C., September 23, 2008 - Ambient Corporation (OTCBB: ABTG) announced today that it is demonstrating the newest version of its network management system, Ambient NMS™, alongside its X2000 communications node, in the Ambient exhibit space at GridWeek, September 22-25, at the Ronald Reagan Building in Washington, D.C.

The newest version of AmbientNMS™ manages the flexible hybrid communications platform created by Ambient Smart Grid™, which provides a single platform for multiple applications such as AMI, SCADA, sensor networks, etc., meeting the needs of utilities modernizing their electrical distribution infrastructures.

The latest version of AmbientNMS™ incorporates Ambient's energy sensing capabilities with the X2000 node's geographical information system (GIS) data to allow for real-time precision grid monitoring, and allows a utility a street level view of their communications infrastructure and grid performance. Each node is designed for remote software and firmware upgrades, and can display operational information that, through AmbientNMS™, can pinpoint outages, alert the utility of grid transients and better allocate limited operational and maintenance resources all while passing on end user applications data from utility applications such as AMI.

“Ambient recognizes the diverse needs of our utility partners as they explore various technologies and applications that require an increasingly flexible and robust communications system. Making the latest version of AmbientNMS™ available to our partners increases the flexibility of our smart grid communications solution, allowing Ambient to build out networks tailored to meet each utility's individual needs,” stated John J. Joyce, President and CEO of Ambient. “We are proud to share this newest enhanced version with the distinguished audience at GridWeek and we invite all to see a demo in our exhibit space at the conference.”

Additionally, Ram Rao, Ambient's CTO, will be speaking alongside Duke Energy's CTO and Austin Energy's CIO on a panel entitled “Enabling Energy Efficiency.” The presentation Mr. Rao is delivering will cover how the communications network, the backbone of any smart grid deployment, can innately create value for a utility by implementing the applications mentioned above.

Ambient Smart Grid™, supported by the Ambient X2000 node, enables a two-way, real-time communications platform to serve the “last mile” backhaul, necessary for smart grid applications. Ambient's X2000 is a tightly integrated communications device that allows utilities to build private and secure communications networks, based on open standards, that can both integrate legacy utility systems and support the future requirements of the evolving smart grid. Ambient's X2000 can also record and forward current and voltage readings to the utility, helping with circuit monitoring, load balancing and outage notification through AmbientNMS™.

About Ambient Corporation

Ambient designs, develops and markets Ambient Smart Grid™ communications technologies and equipment. Utilizing proprietary, open standards-based technologies along with in-depth industry experience, Ambient provides utilities with solutions for creating smart grid communication platforms and technologies. Headquartered in Newton, MA, Ambient is a publicly traded company (OTCBB: ABTG). More information on Ambient is available at www.ambientcorp.com.

About GridWeek

GridWeek 2008 is where U.S. electricity grid thought leaders will explore the smart grid's role in delivering sustainable energy. Energy policy makers and members of public utility and information technology industries will examine smart grid successes, role in carbon reduction, alternative distributed generation, and the implementation of the Energy Act of 2007. With speeches and other sessions about enabling energy and utility efficiencies, IT and grid interoperability, new business models, and energy security, GridWeek, produced by Clasma Events Inc., is the event to outline smart grid possibilities and expectations as the U.S. electricity system moves into the 21st century. Please visit www.gridweek.com for more information on GridWeek.

This press release contains forward-looking statements that involve substantial uncertainties and risks. These forward-looking statements are based upon our current expectations, estimates and projections about our business and our industry, and that reflect our beliefs and assumptions based upon information available to us at the date of this release. We caution readers that forward-looking statements are predictions based on our current expectations about future events. These forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and assumptions that are difficult to predict. Our actual results, performance or achievements could differ materially from those expressed or implied by the forward-looking statements as a result of a number of factors, including but not limited to, market acceptance of new products, changes in economic conditions generally and the smart grid market specifically, changes in technology, legislative or regulatory changes that affect us, the availability and sufficiency of working capital, and the risks and uncertainties discussed under the heading "RISK FACTORS" in Item 1 of our Annual Report on Form 10-KSB for the fiscal year ended December 31, 2007, and in our other filings with the Securities and Exchange Commission. We undertake no obligation to revise or update any forward-looking statement for any reason.

Ambient, Ambient Smart Grid and AmbientNMS are registered trademarks of Ambient Corporation with the U.S. Patent and Trademark Office.

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