



FOR IMMEDIATE RELEASE

AMBIENT INTRODUCES NEWEST COMMUNICATIONS NODE, X2000

X2000 Key Component of Ambient Smart Grid™

Boston, MA, April 7, 2008 - Ambient Corporation (OTCBB: ABTG) announced today the incorporation of key design innovations into the latest model of its communications node, commercially known as the X2000. Ambient's hybrid platform, Ambient Smart Grid™, supports multiple communications technologies such as cellular, fiber and power line carrier along with previously supported technologies such as Broadband over Power Lines (BPL) and Wi-Fi.

The combination of a flexible modular communications platform based on a single device, the Ambient X2000, minimizes utility equipment needed at the transformer. The X2000 also incorporates Ambient's current and voltage sensing capabilities; very important for utilities to monitor power delivery and operational status.

The Ambient Smart Grid™ enables a two-way, real-time communications platform, utilizing the X2000, to serve the "last mile" backhaul, necessary for utilities to implement smart grid applications such as Advanced Meter Reading (AMR), real-time pricing, Demand Side Management (DSM) and direct load control. When combined, these applications can offer economic, operational and environmental benefits for utilities and utility customers.

Ambient first introduced multiple high-speed BPL interfaces and Wi-Fi into its nodes in early 2005, and continues to demonstrate its ability to adapt and keep pace with the changing needs of electric utilities with numerous wireless and wire-line technology combinations available now for implementation. Ambient's flexible hybrid communications platform, managed by Ambient's Network Management System, AmbientNMS™, meets the needs of utilities modernizing their grids for the information age by providing a single platform for multiple applications such as AMR, SCADA and sensor networks.

"In its *Grid 2030: A National Vision for Electricity's Second 100 Years*, the Department of Energy (DOE) has stated that our electrical grid, 'the supreme engineering achievement of the 20th century, is aging, inefficient, and congested, and incapable of meeting the future energy needs'. The DOE predicts a 20% increase in peak demand for electricity over the next ten years, which will only worsen in the future. Thus, creating a new, smart electrical grid will be essential in addressing some of the problems that exist today," stated Ram Rao, CTO of Ambient.

"Addressing these concerns and very serious issues, we have designed the X2000 to enable utilities to deploy a scalable hybrid communications infrastructure that meets the specific requirements for different segments of their distribution system while minimizing the operational and management overhead, with the attainable goal of creating a truly smart grid," continued Mr. Rao.

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.

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, changes in economic conditions generally and the Smart Grid market specifically, changes in technology, legislative or regulatory changes that affect us, the availability of working capital, changes in costs and the availability of goods and services, the introduction of competing products, market acceptance of our new products 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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