



For Immediate Release

TOYOCOM AND AMBIENT FORM ALLIANCE

New Alliance to Take on North American Market

Boston, MA, February 24, 2005 - Ambient Corporation (OTCBB: ABTG), and Toyo Communication Equipment Co., LTD. (TOYOCOM) of Japan, both leaders in Power Line Communications (PLC), announced today the execution of an Alliance and Distribution Agreement. TOYOCOM and Ambient have formed the Alliance to aggressively market their products to North American utilities, Internet Service Providers (ISPs), and building managers and developers.

TOYOCOM is a publicly-traded company on the Tokyo Stock Exchange and is a related company of the computer, networking, semiconductor and component giant NEC. TOYOCOM has been a DS2 licensee since 2002 and their products have been successfully deployed in large-scale pilots in Spain and Portugal.

Ambient and TOYOCOM have formed the Alliance to:

- provide for the joint development, implementation, and commercialization of their respective PLC technologies in North America;
- generate revenues from PLC network design, installation and sale of their respective equipment;
- leverage greater economies of scale by collaborating the companies' respective PLC development and production efforts, and
- cross-license their respective PLC equipment and technologies.

Mr. Yoshinori Suzuki, President of TOYOCOM Network Systems, commented on the Alliance, "Throughout our relationship, we have been impressed with Ambient's technical team, improvements to next-generation technology and the overall focus of Ambient's plan to commercialization. Working together as one team, we will deploy best-of-breed product."

TOYOCOM and Ambient technology teams have initiated their collaborative efforts on next generation products to respond to identified opportunities in the evolving PLC market.

“This alliance is very exciting for both Ambient and TOYOCOM,” stated John J. Joyce, President and CEO of Ambient. “Collaborative efforts strengthen the two companies’ endeavors into PLC deployments in North America and other markets. The Alliance opens up a new market for TOYOCOM and brings added strength to Ambient’s efforts to broaden acceptance and deployment of PLC technologies.”

About TOYOCOM

From its origins in 1891 as a manufacturer of communications equipment for Japan, to its present position as a world-class technological innovator, TOYOCOM has been deeply committed to quality, reliability and performance. TOYOCOM is a world-leading provider of crystal and optical devices/solutions, and considers the broadband markets, which include the ADSL, FTTH, CATV, wireless LAN, and PLC markets, to be its primary targets and provides broadband access solutions in the form of total product packages. TOYOCOM is a publicly-traded company listed at the Tokyo Stock Exchange - First Section.

About Ambient Corporation

Ambient Corporation (OTC BB: ABTG) is a development-stage company engaged in the design, development and marketing of equipment and technologies that utilize existing electrical power medium-voltage and low-voltage distribution lines as a medium for the delivery of broadband and other communication services. The use of an electric power distribution system as a high-speed communication medium is commonly referred to as "power line communications" or "broadband over power lines." Visit Ambient at www.ambientcorp.com.

This press release may contain forward-looking statements that involve risks and uncertainties. These statements may differ materially from actual future events or results. Readers are referred to the documents filed by Ambient Corporation with the SEC, including the company's most recent report on Form 10-KSB and 10-QSB, which identify important risk factors that could cause actual results to differ from those contained in the forward-looking statements. Ambient is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.

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