



ENABLENCE LAUNCHES HIGH PERFORMANCE PHOTODIODES

New Family of High Speed Signal Conversion Photodiodes for Telecom and Datacom Applications Delivers Up to 100 Gbps

Toronto, Canada – March 3, 2011 -- Enablence Technologies, Inc. (“Enablence” or the “Company”) (TSX: ENA-V), a leading supplier of [fiber-to-the-home](#) (FTTH) equipment for triple-play residential and business services and optical [components](#) and subsystems for access, metro and long-haul markets, today announced the availability of its industry-unique family of high speed [photodiodes](#) (PD), designed for high performance signal conversion needed to support up to 40 Gbps/100 Gbps applications in the optical communications industry. These state-of-the-art photodiodes cost-effectively convert incoming optical signals into electrical signals for high integrity signal delivery along access, metro and long-haul networks.

The new Enablence product offering includes high performance balanced 25G photodiodes, 10G avalanche photodiode (APD) arrays, high speed photodiodes with integrated lenses as well as 25G short-wavelength photodiode arrays for next-gen optical transmission systems, especially for 40 Gbps/100 Gbps applications.

“The market for both 40 Gbps and 100 Gbps systems has experienced strong growth and relies heavily on high quality signal recovery, such as [Coherent Detection](#),” said Jacob Sun, President of Enablence’s Optical Components and Subsystems Division. “Our new photodiode product lines announced today, meet this growing need in the industry for reliable, high speed signal conversion. Enablence is committed to meeting customer demand for trusted technology that helps them build the access, metro and long-haul networks of tomorrow.”

Through ongoing miniaturization and wafer level integration of lenses and filters, Enablence’s components unit offers Telecom and Datacom customers, innovative, cost effective products for high volume applications such as 2.5 Gbps/10 Gbps [PON](#), 10 Gbps Ethernet, HDMI and QSFP. Company’s photodiode technology platform and cost structure are among the best choices for several high volume consumer products, including Light Peak and optical HDMI.

Features include:

- **Balanced 25G photodiodes**, which enable detection of advanced modulation formats used in next-gen systems such as 40 Gbps/100 Gbps, and offer high responsivity, low bias voltage, low dark current, and a wide operating temperature range.
- **10G APD Arrays**, which allow miniaturization of long-haul receivers and have a very low excess noise, low temperature dependence and come with a large optical aperture and an excellent gain-bandwidth product at a low operating bias voltage.
- **High speed photodiodes with integrated lenses**, which significantly ease the optical coupling of light into the photodiodes, thereby reducing the cost for lens design and chip assembly, and further improving the system optical performance.

For more information on Enablence's new products, visit Booth #2407 at the Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference (OFC/NFOEC), March 8-11, 2011 at the Los Angeles Convention Center, or visit <http://www.enablence.com/components/solutions/transmission/photodiodes>.

About Enablence Technologies Inc.

Enablence Technologies, Inc. ("the Company" or "Enablence") is a publicly traded company that designs, manufactures and sells fiber-to-the-home (FTTH) equipment and multi-service access platforms for triple-play residential and business services and optical components and subsystems for access, metro and long-haul markets to a global customer base. Enablence delivers a key portion of the infrastructure for next-generation telecommunication systems. The Company's product lines address all three segments of optical networks: Access, connecting homes and businesses to the network; Metro, communication rings within large cities; and Long-haul, linking cities and continents. The Company's Access solutions enable voice, data, video, and Internet communications across both copper and fiber-based network infrastructures. For more information, visit <http://www.enablence.com> or follow Enablence on Twitter at <http://www.Twitter.com/Enablence>.

Forward-looking Statements

This press release may contain forward-looking statements that are made as of the date hereof and are based on current expectations, forecasts and assumptions which involve risks and uncertainties associated with our business and the economic environment in which the business operates. All such statements are made pursuant to the 'safe harbour' provisions of, and are

intended to be forward-looking statements under, applicable Canadian securities legislation. Any statements contained herein that are statements of historical facts may be deemed to be forward-looking statements. By their nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties. We caution our readers of this press release not to place undue reliance on our forward looking statements as a number of factors could cause actual results or conditions to differ materially from current expectations. Please refer to the risks set forth in the Company's continuous disclosure documents that can be found on SEDAR www.sedar.com. Enablence does not intend, and disclaims any obligation, except as required by law, to update or revise any forward looking statements whether as a result of new information, future events or otherwise.

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