



ENABLENCE TECHNOLOGIES INC.
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Enablence Building Photodiodes for Light Peak: Optical Interconnect for PCs

Ottawa, Canada – December 2, 2009 Enablence Technologies Inc. ("Enablence" or the "Company") (TSX VENTURE:ENA), 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, is pleased to announce it will be working with Intel and other industry leaders to develop the latest in optical connection technology for personal computers (PCs). During the recent Intel Developer Forum, Intel unveiled Light Peak, a 10 Gigabit per second (Gb/s) optical interconnect for PCs, that will use photodiodes, including Enablence's large area dual wavelength 10Gb/s photodiodes, for its build.

"Intel is pleased to be working with Enablence to make Light Peak optical components ready to ship in 2010", said Jason Ziller, Director, Optical I/O Program Office, Intel Corp. "Light Peak has high bandwidth and the ability to run multiple I/O protocols over a single fiber cable, enabling the technology to connect to many devices such as displays, disk drives, peripherals, and docking stations on a single fiber cable." Intel's Light Peak platform is designed to deliver high bandwidth of up to 10 Gb/s, with the potential to grow to 100 Gb/s in the foreseeable future.

"We are excited to work with Intel to help create a new generation of optical interconnects for consumer applications using Enablence's technology strengths in this new area of application" said Arvind Chhatbar, CEO of Enablence.

For more on Enablence's dual wavelength 10Gb/s photodiode, download the [datasheet here](#) or visit www.enablence.com

About Intel

Intel, the world leader in silicon innovation develops technologies, products, and initiatives to continually advance how people work and live. Founded in 1968 to build semiconductor memory products, Intel introduced the world's first microprocessor in 1971.

About Enablence Technologies Inc.

Enablence Technologies Inc., (TSX VENTURE:ENA) a publicly traded company headquartered in Ottawa, Canada, designs, manufactures and sells optical components, subsystems and systems to a global customer base.

Enablence's Systems Division has an expanding fiber-to-the-premise (FTTP) product portfolio featuring a variety of architectural options. It enables service providers to evolve their access networks from traditional copper-based networks to advanced optical communications access networks that are based on state of the

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art IP and Ethernet standards, for triple-play voice, video and data services including HDTV, IP Telephony and ultrafast internet access. The Division's network equipment has been deployed with 420 service providers world-wide that serve over 4 million subscribers.

Enablence's Optical Components and Subsystems Division is a global leader in applying Planar Lightwave Circuit (PLC) technology to integrate multiple components into a single optical chip to reduce footprint and costs. Network and equipment designers around the world turn to Enablence for a variety of components and subsystems for access, metro and long-haul, including transceivers, splitters, waveguides, optical channel monitors, multiplexers, ROADMs, switches, tunable dispersion compensators, and photodiodes. The Division serves over 120 system and subsystem developers and its products have been integrated in all major communications networks world-wide, serving tens of millions of subscribers.

Forward Looking Statements

This press release may contain forward looking statements, in particular with respect to the Corporation's use of proceeds of the Offering, growth of revenue and customer base, 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 Corporation's most recent short form prospectus and the Corporation'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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