



ENABLENCE TECHNOLOGIES INC.
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Cutting Edge Photonic Integrated Circuit (PIC) Chips for Next-Gen 120G Transport Networks

Ottawa, Canada – July 19, 2010 Enablence Technologies Inc. ("Enablence" or the "Company") (TSX VENTURE:ENA), a leading supplier of fiber-to-the-home (FTTH) equipment and multi-services access platform for triple-play residential and business services and optical components and subsystems for access, metro and long-haul markets, announced today it is supplying its advanced PIC technology and products to a global tier-1 customer for its next generation Metro Optical Transport Network System; built to accommodate bandwidth-heavy services at a lower cost and footprint for network operators.

The tier-1 customer is using Enablence's Photonic Integrated Circuits (PICs) to achieve up to 120Gbps capacity per card while dramatically reducing power consumption and space requirements. Enablence's technology has helped the customer develop its high capacity next generation metro transport system to assist operators managing bandwidth-heavy services such as data, video, and storage, while at the same time, slash operator costs with easy maintenance, energy-efficiency, and space-saving features.

Enablence's PIC technology is based on its proprietary Planar Lightwave Circuitry (PLC), which integrates multiple high speed components into a single optical chip to reduce footprint and costs. This highly integrated PIC technology includes more than 15 layers of wafer processing, which has reduced hundreds of optical parts into one single chip.

Operators worldwide want to achieve fast service rollouts on their metropolitan transport networks, while coping with ever increasing high traffic on their networks. Enablence's PIC technology is a key element to help metro system developers address these challenges with advanced transport capabilities.

"While we continue to grow our FTTH business around the globe, our PIC success demonstrates that our Optical Components and Subsystems Division continues to set the standard for optical transport and photonic integration with new innovations developed on our PLC platform," said Tim Thorsteinson, CEO of Enablence. "We value the confidence that this customer and other leading network and equipment designers around the world continue to express in our technology."

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) and multi-services product portfolio featuring a variety of architectural options. It enables service providers to evolve their access

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networks from traditional copper-based networks to advanced optical communications access networks that are based on state of the art IP and Ethernet standards, for triple-play voice, video and data services including HDTV, IP Telephony and ultrafast internet access.

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 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 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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