



ENABLENCE TECHNOLOGIES INC.
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APD Photodiode and 8x8 Multicast Switch at Europe's Top Optical Communications Event

Ottawa, Canada – September 8, 2010 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 unveiling two new component products at the ECOC conference that provide systems developers with the agility, flexibility and affordability they need to stay ahead of the growing bandwidth demands of network operators.

The 36th European Conference and Exhibition on Optical Communication (ECOC) (<http://www.ecoc2010.org/index.php>), taking place from Sept. 19-23 in Turin Italy, is Europe's leading international forum for presenting current scientific work as well as major innovations in technologies related to optical communications. This year's conference is expected to draw around 1,000 conference attendees plus 5,000 visitors to the exhibition floor.

Enablence will be exhibiting and showcasing at ECOC the latest additions to its portfolio of innovative PLC-based optical components at Booth #242. These include:

The APD32T-XS – A Topside Illuminated Avalanche Photodiode (APD)

This new APD offers outstanding performance at an affordable price and is optimized for single-mode 10 Gb/s SONET/SDH as well as 10G PON applications. It features a dual pad layout and an optical aperture of 32 um, as well as a small footprint that saves valuable space in small packages such as TO-46.

A key feature of this innovative APD is low excess noise, enabling receiver sensitivities of -27 dBm for 10 Gb/s Non Return Zero signals when used with an appropriate TIA. Compared to other APDs available today, the APD32T-XS also stand apart due to:

- Its availability as bare die
- A large aperture for easy optical coupling
- High temperature stability – temperature control is not mandatory
- Relatively low operating bias – only 25 V vs. 40 V or higher for other APDs

To learn more, please refer to the datasheet (<http://www.enablence.com/components-subsystems/product-line/photodiodes/apd/new-apd32t-xs#view-product>).

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The iMS 0808 Multicast Switch: Enabling Truly Agile Networks

Enablence's new 8x8 iMS 0808 model for its multicast switch family compliments the current 4x8 model. The 0808 model offers a unique and cost-effective solution to make ROADM nodes with directionless, colorless, and contentionless features. This provides network operators with the ultimate flexibility for network planning and remote management of bandwidth to ensure superior service reliability and to reduce operating costs.

The 0808 features eight input and eight output ports, which is designed for next generation ROADMs with up to eight degrees, expected to be commonly used on 40G and 100G networks. The signal to any of the input ports can be directed to any one or any combinations of output ports. The routing of this switch module can be controlled through a standard RS232 or I2C interface. Given the varying requirements this product is only available as a custom product meeting specific customer requirements.

This new product and the other models in Enablence multicast switch family enable truly agile networks that can readily adjust to changing network traffic conditions and directions of data channels without disrupting network operations or requiring truck rolls to make set-up changes on site.

The 0808 is available in single and dual-switch module versions. The dual switch version offers both DROP and ADD functions in one single package.

To learn more, please refer to the datasheet (<http://www.enablence.com/components-subsystems/product-line/integrated-switches/other/8x8-multicast-switch-module#view-product>).


For more information on Enablence's attendance at the conference, or to schedule a meeting, please contact marketing@enablence.com

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 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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