



ENABLENCE GAINS MOMENTUM IN PLC PRODUCTS AND SERVICES

Standard and Custom Design Planar Lightwave Circuit Solutions in High Demand for Telecommunications, Instrumentation, Homeland Security and Aerospace Industries

Toronto, Canada – February 18, 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 that its [Planar Lightwave Circuit](#) (PLC) custom design and fabrication services have experienced near 100 percent revenue growth year-over-year since 2008. In 2010, the Company closed several multi-million dollar contracts globally, including customers within the Department of Defense and Homeland Security, leading telecommunications system vendors, as well as the instrumentation and aerospace industries.

“As subscriber demand for broadband services continues to explode, communications systems developers must build high-speed, high-capacity communications systems for access, metro and long haul networks that manage traffic more effectively at a lower cost. Enablence has achieved nearly 50 percent of its overall revenue growth due to increased demand for PLC platforms that enable our customer base to reign in capital and operating expenses through reduced cost, compact size and efficient power usage,” said Jacob Sun, President of Enablence Optical Components and Subsystems Division. “Enablence’s proven expertise in building high-index subsystems is also generating interest from non-telecom markets such as military, industrial and aerospace applications. These markets can replace complex, micro-optics assemblies with a single, cost-effective, compact PIC chip.”

The key “building blocks” for optical components and subsystems, PLC technology can be used to fabricate several key components for use in passive optical networks (PONs). PLCs are attractive to manufacturers because they can integrate multiple functions onto a single chip -- significantly reducing size and cost. Enablence offers a range of wavelength management products based on its innovative, proprietary PLC platform that address the critical performance

needs of agile optical networks. These same, industry-leading PLC components power Enablence's award winning, fiber-to-the-home (FTTH) access systems equipment for triple-play residential and business services.

Enablence's PLC innovation team consists of industry thought leaders with more than 20 years of experience. Enablence experts were the first to commercialize critical products for the telecommunications industry, such as AWG devices. Enablence's long history of fabricating PLCs allows customers to leverage the competitive advantage of tested, standards-based solutions that reduce costs and eliminate sourcing and performance risks.

For more on Enablence's PLC platform, 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/wavelength-management>.

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. Enblence 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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