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ARTESYN ANNOUNCES INDUSTRY'S FIRST PMBus-COMPLIANT DIGITALLY PROGRAMMABLE DC-DC CONVERTER

Programmable 20 A converter uses open standard communications protocol

Digital configuration, monitoring & diagnostics simplify board design, test & operation

Boston, September 13, 2005 --- Artesyn Technologies (Nasdaq: ATSN) today announced its first digital point-of-load (POL) converter at the Digital Power Forum '05 in Boston, Massachusetts. The DPL20C is a non-isolated POL converter in the new family of PMBus-compliant DC/DC converters. Sampling of the product along with evaluation boards to the first Beta customers has now begun; general availability and production will commence upon completion of Beta trials, expected within the next 45 days.

Artesyn CEO, Joseph O'Donnell, and Trey Burns, Vice President of Technology and DC/DC Product Development will give a presentation including Artesyn's perspective on digital power, at noon on September 15, 2005. The presentation will be webcast live at www.artesyn.com under Investor Relations and broadcast via telephone. The dial-in number is 800-633-8634. A replay will be available on Artesyn's website for 30 days.

The PMBus open-standard digital power management protocol is supported by the special interest group (SIG) known as the System Management Interface Forum, Inc., charged with further developing, enabling and promoting the PMBus™ power operating system. Earlier in the year the PMBus protocol was endorsed by both of the industry's major power supply alliances, the Point-of-Load Alliance (POLA) and Distributed-power Open Standards Alliance (DOSA). While the protocol is in the public domain, there are already more than a dozen power supply and semiconductor companies that have formally adopted the protocol and continue to collaborate on further development and promotion of the specification.

The DPL20C is a 20 Amp output converter which features an extensive set of digital configuration, monitoring and diagnostic facilities accessible via the PMBus interface. The converter stores all configuration and set-up data in non-volatile memory, and powers-up with these pre-programmed default settings, thus eliminating the need for external power controllers. Intended for computing, storage and networking applications, the DPL20C is rated for forced air environments with ambient operating temperatures of 0 ˚C to +70 ˚C seen in the latest 1U high rack mounting equipment.

Functionality includes the following:

- Wide-input range from 4.5 to 13.8 V
- Programmable output voltage from 0.6 to 5.5 V
- Programmable sequencing, tracking and margining
- Real-time monitoring of voltage, current, and temperature, with automatic warning of fault conditions

- Ability to source/sink 20 A of load current, along with differential remote sensing
- Library of 45 executable PMBus commands
- Windows-based GUI supporting a variety of PC interfaces

The DPL20C is the first PMBus-compliant dc-dc converter to be announced by the industry. According to Todd Hendrix, VP of Worldwide Marketing & Business Development for Artesyn Technologies, “Artesyn is a longstanding advocate of open architecture systems, which help customers reduce time to market and streamline life-cycle product costs. The PMBus protocol is quickly becoming the industry standard for digital power management. The DPL20C, which is currently undergoing evaluation on a number of customer Beta sites, is the first of many PMBus-compliant power conversion products that Artesyn will be introducing. Future products will encompass different current ratings and mechanical form factors, as well as feature increasingly higher levels of digital control and integration.”

Artesyn’s DPL20C PMBus-compliant digitally programmable POL converters are currently undergoing evaluation with key customers, and the general market release will be in October. To obtain further information, please visit: http://www.artesyn.com/powergroup/new_digitalpol_launch.htm.

About Artesyn Technologies, Inc.
Artesyn Technologies, Inc., headquartered in Boca Raton, FL., is a world leader in the design, manufacture and sale of power conversion and embedded board solutions for infrastructure applications in server and storage, wireless and telecommunications systems. Our products are used in middle to high-end servers, data storage devices, routers, hubs, high-speed modems, RF amplification systems, base station controllers and transceivers. The company has a global sales reach with design and manufacturing facilities in Asia, Europe and North America. Artesyn is a public company whose common stock is traded on the Nasdaq stock market under the symbol ATSN. For more information, please visit the company's web site at www.artesyn.com

Cautionary Statement About Forward-Looking Statements
Statements in this press release that are not historical facts are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Readers are cautioned that these forward-looking statements involve certain risks and uncertainties and may differ materially from actual future events or results. Undue reliance should not be placed on such forward-looking statements. Certain risks and uncertainties are identified in Artesyn’s periodic filings with the United States Securities and Exchange Commission, specifically the most recent annual report on Form 10-K, filed on March 16, 2005. Some of these risk factors include, but are not limited to, operating in a volatile, competitive industry characterized by rapidly changing prices, technologies and demands associated with global manufacturing in foreign locations, dependence on a relatively small number of customers, dependence on and volatility of foreign sales, and technological changes which may render our existing products uncompetitive or obsolete. Any forward-looking statement made in this release is made as of the date of this release and should not be relied upon as representing our estimates as of any subsequent date. Artesyn assumes no obligation to update any such forward-looking statements. While we may elect to update forward-looking statements at some point in the future, we specifically disclaim any obligation to do so, even if our estimates change. For a more detailed discussion of such risks and uncertainties, the Company strongly encourages you to review its SEC filings.


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