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## Press Release

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## Schneider Electric Named Prime Electric Components Provider for New Navy Combat Ship

### LCS Electrical, Control and Automation Systems Pass Mil901D 200G Shock Tests Using Schneider Electric COTS components

**Palatine, Ill. (USA), October 20, 2008** — Schneider Electric was named primary electrical components provider for the new U.S. Navy Littoral Combat Ship (LCS) INDEPENDENCE, which was christened Oct. 4. During the design and construction of the LCS, Schneider Electric worked closely with the shipbuilder, Austal; the electrical systems vendors; and the U.S. Navy to reduce vessel cost and weight.

“In addition to Schneider Electric being named the prime electric components provider for the INDEPENDENCE, this project marked several shipbuilding firsts for the U.S. Navy,” said Lawrence Charette, National Accounts Manager, Aerospace and Defense, Schneider Electric. “The LCS is the first Naval combatant ship to use commercial off-the-shelf (COTS) products, and Schneider Electric is the first vendor to pass the U.S. Navy Military Standard 901D barge test with a COTS circuit breaker in shock-isolated switchboards built to meet ABS-NVR standards. The ABS-NVR switchboards with Schneider Electric COTS components enable the U.S. Navy to realize significant space, weight and cost reductions, while meeting the U.S. Navy’s standards of power quality and reliability in a high-shock marine environment.”

The LCS is also the first U.S. Navy ship class to utilize the American Bureau of Shipping – Naval Vessel Rules (ABS-NVR), which were developed and adopted to assist in reducing U.S. Navy vessel costs and weight. Schneider Electric worked with Navy Sea Systems Command (NAVSEA) to develop new testing procedures to

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meet this ABS-NVR standard. As a direct result of the success with the INDEPENDENCE project, the U.S. Navy has actively requested Schneider Electric participation in several other U.S. Navy ship programs.

Several Schneider Electric COTS products had to be individually qualified to ABS-NVR standards before they were installed in the shock-isolated switchboard structure that was used on the INDEPENDENCE. The entire assembly then passed the U.S. Navy Military Standard 901D barge test, which had never been done before using COTS products. Among the products used were MasterPact<sup>®</sup> air circuit breakers, molded case circuit breakers, as well as Altivar<sup>®</sup> variable frequency drives (VFDs) and control products.

The LCS program was developed in 2003 to fit an unserved need within the U.S. Navy, specifically the need to defeat anti-access threats in shallow, coastal water regions known as littorals. The U.S. Navy plans to build 55 of these ships.

“Schneider Electric is excited to continue working closely with the U.S. Navy and Austal on the LCS program,” Charette added. “We look forward to applying our products and expertise to future ship programs as well.”

For more information, visit [www.us.squared.com/federalgovernment](http://www.us.squared.com/federalgovernment).

### **About Schneider Electric**

As a global specialist in energy management with operations in more than 100 countries, Schneider Electric offers integrated solutions across multiple market segments, including leadership positions in energy and infrastructure, industrial processes, building automation, and data centers/networks, as well as a broad presence in residential applications. Focused on making energy safe, reliable, and efficient, the company's 120,000 employees achieved sales of more than \$23.7 billion in 2007, through an active commitment to help individuals and organizations "Make the most of their energy".

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