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Siemens Canada Internet

For the trade press

## Siemens Canada launches innovative new product lines designed to help customers increase industrial productivity

Burlington, Ontario, March 27, 2012

Announced at an event attended by customers, channel partners and employees, Siemens Canada's Industry Automation division officially launched three new product lines in the area of industrial control. These include the next generation of proven Sirius Modular System of power control products called Sirius Innovations, a new Re-Engineered family of tiastar™ Motor Control Centres, and the SINVERT PVM family of Solar inverters.

"Today's announcement reinforces our commitment to providing answers for industrial innovation," said Joris Myny, vice president of the Industry Automation and Drive Technologies Divisions. "For 100 years, we've been helping our customers in Canada become more efficient and productive, and as these new product lines show, the future will be no exception."

The Sirius Innovations line comes in two frame sizes up to 25 hp and incorporates sustainable elements that make more efficient use of space and simplify assembly, while reducing power consumption. Increased power performance up to 42 A in a reduced 45 mm footprint is one key benefit to the space savings provided by Sirius Innovations products.

Additionally, Sirius Innovations breaks new ground with the inclusion of IO-Link communication modules that dramatically reduce control wiring and quickly snap onto contactors of direct, reversing and wye-delta motor starters up to 30 horsepower. The IO-Link modules also allow status and diagnostic data communication to the Totally Integrated Automation (TIA) platform, such as programmable logic controllers. AS-Interface communication modules for motor starters have also been added to the product range.

The new line of tiastar Motor Control Centres (MCC) will offer a broad array of innovative feature sets tailored to the needs of vertical markets such as general construction, water and wastewater, oil and gas, and general process industries.

The new tiastar MCC line includes the first Arc Resistant MCC compliant to ANSI/IEEE C37.20.7, and its criteria for containing and redirecting Arc Flash incident energy which has been successfully witness tested in the presence of Underwriters Laboratories (UL) representatives. The new SmartStart option features plug-and-play functionality which reduces commissioning time with pre-programmed and pre-configured data.

Siemens further strengthens its portfolio of solar inverters with the introduction of its new SINVERT PVM inverter, designed for peak efficiency and maximum plant yields to convert solar energy into grid-compliant AC voltage for infeed into conventional power supply networks. The SINVERT PVM inverters are available in the range from 12 kW to 24 kW for the commercial rooftop market, and are capable of delivering over 98 per cent peak efficiency.

With PVM12 / PVM16 / PVM20 and PVM24 models, the SINVERT PVM inverters are well-suited for various applications, including commercial office buildings, public spaces, such as schools and municipal buildings, roofs of industrial buildings or ground-mounted plants. Capable of outputs for PV plants up to the megawatt range, these PVM inverters provide a high degree of economic efficiency over the entire life cycle of a grid-connected PV system.

Siemens has begun an 11 cities tour across Canada conducting half day seminars to continue educating the increased productivity value that these innovative products provide to manufacturers. For more information on these events please visit

[www.siemens.ca/siriusinnovations](http://www.siemens.ca/siriusinnovations)

### About Siemens in Canada

For 100 years the innovative ideas from Siemens have helped make Canada a better place. From the Atlantic to Pacific oceans, more than 4,400 employees in Canada work together to provide answers that last in the fields of industry, energy and healthcare, as well as deliver infrastructure solutions for cities. Since it was federally chartered in August of 1912, Siemens has stood for technical achievements, innovation, quality and reliability. Sales for Siemens in Canada in fiscal 2011 (ended September 30), were \$3.0 billion CAD. The company has 61 offices and 13 manufacturing/assembly facilities across Canada.

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