

Emerson's smart SIS is named one of "the Best Products of 2004" by *Control Engineering*

Smart SIS, an extension of PlantWeb, is selected in the Process and Advanced Control Category

AUSTIN, Texas (February 21, 2005) — Emerson's [smart Safety Instrumented System](#) (SIS), an extension of the proven [PlantWeb](#)® digital plant architecture, earned *Control Engineering* magazine's Editors' Choice Award in the Process Control and Instrumentation category. Products are selected by *Control Engineering's* editors as representing exceptional market impact, technological achievement, and service to the automation industry.

The smart SIS system was selected for this honor based on its use of digital intelligence and diagnostics from sensor to logic solver to final control, resulting in an integrated complete safety loop approach that offers automated safety-loop testing and other features that increase system availability, while reducing life-cycle costs and easing regulatory compliance.

"I'm gratified that our smart SIS system has received such outstanding recognition by the editors of *Control Engineering*," said Duncan Schleiss, vice president of marketing, Emerson Process Management, Process Systems and Solutions division. "Our solution delivers the same ease of use and efficiencies for safety in process facilities as the proven PlantWeb architecture does for mainstream process automation. *Control Engineering's* editors' selection is proof that our smart SIS system will deliver exceptional value to our customers."

The *Control Engineering* Editors' Choice awards are given out annually in recognition of innovative products "based on technological advancement, impact on the market, and service to the industry. This year, only 40 products out of thousands of products were chosen from all automation categories.

The smart SIS system components include:

- Emerson's [Rosemount](#)®, [Micro Motion](#)®, and [Brooks](#)® certified and proven-in-use devices that go beyond detecting component failures to provide both transmitter and process diagnostics



- The [DeltaV™ SIS system](#), rated for SIL 1-3 applications, which includes the scalable DeltaV SLS 1508 logic solver; integrated, easy-to-use configuration software; and embedded digital communications
- [FIELDVUE®](#) digital valve controller instruments that provide automated performance monitoring and testing, enabling remote partial-stroke testing while the safety valve is online
- [SIL-PAC®](#) final control solutions that use the FIELDVUE DVC6000 ESD to operate the valve. The actuators include Bettis G and CBA-series Scotch Yoke actuators and the Hytork rack-and-pinion actuator currently used in many ESD-type applications
- [AMST™ Suite: Intelligent Device Manager](#) software that documents and archives system configuration and all changes, as well as system health information and alarms.

For more on the smart SIS system visit www.EmersonProcess.com/SIS.

About Emerson Process Management

Emerson Process Management (www.emersonprocess.com), an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, food and beverage, pharmaceutical and other industries. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include PlantWeb®, DeltaV™, Fisher®, Micro Motion®, Rosemount®, Daniel®, Ovation®, and AMST™ Suite.

About Emerson

Emerson (NYSE: EMR), based in St. Louis, is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2004 were \$15.6 billion. For more information, visit www.GoToEmerson.com.

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