SIEMENS

Press Presse Prensa

Automation and Drives

For the trade press

Nuremberg, November 4, 2004

SPS/IPC/Drives 2004

Hall 7, Booth 414

Redundant I/O for hazardous areas

Siemens Automation and Drives (A&D) has developed a high-availability, distributed I/O system for potentially explosive environments. The Simatic ET 200iSP (iSP stands for "intrinsically safe for the process industry") is designed for direct use in gaseous and dusty atmospheres up to zone 1 as well as in zone 21. Because the system has both a redundant Profibus and a redundant power supply, the production process is able to continue following a failure or fault thanks to a "hot standby" switch-over to the redundant Profibus line within 100 milliseconds. High-availability Simatic S7-400H controllers are used for this purpose. "Warm standby", a software solution for standard S7 controllers, attains switching times of up to one second. The intrinsically safe and modular ET-200iSP system is designed for particularly easy installation and engineering.

Additional information is available on the Internet at: www.siemens.com/et200isp

A photo accompanies this press release. This photo is available on the Internet at: www.siemens.com/ad-picture/911

You can find this text on the Internet at: www.siemens.de/automation/presse

Siemens AG
Corporate Communications
Press Office
D-80312 Munich

Reference number: A&D AS 200411.911e
Automation and Drives Press Office
Gerhard Stauss
P.O. Box 4848, 90327 Nuremberg
Tel.: ++49 911 895-7945; Fax: -7906
e-mail: gerhard.stauss@siemens.com

Siemens A&D has developed a high-availability, distributed I/O system for hazardous areas. The Simatic ET 200iSP (intrinsically safe for the process industry) was designed for direct use in gaseous and dusty atmospheres up to zone 1 as well as in zone 21. Because the system has a redundant Profibus and a redundant power supply, the production process is able to continue following a failure or fault.

You will find the photo on the Internet at: www.siemens.com/ad-picture/911

If you would like a copy of this photo, please call us.

You can also receive Siemens A&D press releases electronically.
Please send us an e-mail.

Siemens AG
Corporate Communications
Press Office
D-80312 Munich

Reference number: A&D AS 200411.911e
Automation and Drives Press Office
Gerhard Stauss
P.O. Box 4848, 90327 Nuremberg
Tel.: ++49 911 895-7945; Fax: -7906
e-mail: gerhard.stauss@siemens.com