

Industry Sector Industry Automation Division

Nuremberg (Germany), October 08, 2009

Simple communication via Ethernet in RFID applications using TCP/IP

The Siemens Industry Automation Division has developed a new communication module for the connection of RFID (Radio Frequency Identification) read/write devices to Ethernet. The primary application areas of the Simatic RF182C module are in machine building, conveyor systems, assembly lines in the automotive and supplier industries as well as in ancillary assembly lines. The new product is designed for Ethernet communication by means of TCP/IP protocol and supplements the modules already available for Profibus and Profinet.

The new Simatic RF182C communications module is suitable for the read/write devices of all RFID systems except Moby R. The high IP67 degree of protection facilitates distributed installation outside the control cabinet directly in the plant process and rapid commissioning is possible with the plug-in connection technology. Up to two RFID read/write devices can be connected in parallel to the basic unit. The RF182C can be integrated in the field level using one of three different technologies - the RJ45 push-pull plug, M12 7/8" 5-pin or M12 7/8" 4-pin connection blocks.

Simatic RF182C is programmed with standard XML commands. This means the communication module can be easily integrated in a PC environment or connected to commercially available controllers. Since the Ethernet parameterization is stored in the connection block, the user can simply replace the basic unit in case of servicing without interrupting the network.

Further information can be found on the Internet at: www.siemens.com/simatic-sensors/rf

A photo accompanies this press release. You can find this photo on the Internet at:
www.siemens.com/ad-picture/1938

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Siemens AG
Corporate Communications and Government Affairs
Wittelsbacherplatz 2, 80333 Munich
Germany

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Media Relations: Gerhard Stauss
Telephone: +49 911 895-7945
E-mail: gerhard.stauss@siemens.com
Siemens AG
Industry Sector - Industry Automation Division
Gleiwitzerstr. 555, 90475 Nuremberg, Germany

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