



Today we offer you the following information:

Standards and regulations

- 1. Course: current standards to design safe machines

Product innovations: Detecting – evaluating – reacting

- 2. Modular safety for enhanced system flexibility
- 3. Failsafe, regenerative SIMATIC ET 200pro FC frequency converter now with PROFINET
- 4. SINAMICS G120 frequency converter with PROFINET
- 5. Interface module for SIMATIC ET 200S with F-CPU functionality
- 6. ASIsafe Solution local with new functions
- 7. Safe process configuration with SIMATIC Safety Matrix V6.1

General information

- 8. Welcome to the Siemens booth at the Hanover Fair 2008
- 9. Course: SINUMERIK 840D sl Safety Integrated configuring and start-up
- 10. Safety Integrated newsletter archive

Standards and regulations

1. Course: current standards to design safe machines

Even though new standards and regulations often seem to be an obstacle, they also open up many new possibilities. The seminar “Current Standards on the Realization of Safe Machine Concepts” is held by an experienced TÜV instructor (German technical inspectorate) and offers an insight into the practical application of the respective standards and regulations. This provides you with legal certainty in terms of your machine’s or system’s safety technology. More information is available [here](#).

up ↗

Product innovations: Detecting – evaluating – reacting

2. Modular safety for enhanced system flexibility

With the SIRIUS 3RK3 Modular safety system, Siemens Industry Automation offers a new safety solution for the evaluation of multiple safety functions. The central module forms the core of the MSS; it has eight safety-related inputs and one safety-related output as well as one electronic output. The number of inputs and outputs can be flexibly adjusted to the respective application via expansion modules. A DP-Interface module facilitates communication with superior controls via Profibus. The MSS ES software supports fast and easy parameterization of the safety functions as well as comprehensive diagnostics. More information is available [here](#).

up ↗

3. Failsafe, regenerative SIMATIC ET 200pro FC frequency converter now with PROFINET

Siemens Industry Drive Technologies expands the frequency converter of the ET 200pro I/O system by a failsafe version for PROFIBUS and PROFINET. The frequency converter features unique safety functions as well as energy regeneration capability. More information is available [here](#).

up ↗

4. SINAMICS G120 frequency converter with PROFINET

Siemens Industry Drive Technologies expands the modular system of the SINAMICS G120 frequency converter range by the control unit (CU) with PROFINET with PROFIsafe interface. This allows for operation of the SINAMICS G120 converter range also in automation and drive technology architectures with safety technology requirements.

In addition, the G120 PM240 power module frame size F with extended power range will be available as of May 2008.

More information is available [here](#).

up 

5. Interface module for SIMATIC ET 200S with F-CPU functionality

The ET 200S distributed I/O system is supplemented by a new failsafe IM151-8F PN/DP interface module with F-CPU functionality. This module is equipped with a PROFINET communication interface and can be optionally expanded with a PROFIBUS-DP master module. The IM151-8F PN/DP F-CPU is based on the S7-300 CPU 314.

Further information is available [here](#).

up 

6. ASIsafe Solution local with new functions

The ASIsafe Solution local has been completely innovated with the safety monitor in version V3 as well as the corresponding configuration and diagnostics software asimon V3. Via the AS-i safety monitor V3, safe outputs can be connected to the AS-i network. In parallel with its second enabling circuit, the device allows for distributed control, e.g. of a safety valve or motor starter. Furthermore, the new safety monitor V3 acts as a safe coupler between two AS-i networks: the asimon V3 configuration software offers improved transparency and flexibility. Asimon V3 is downward-compatible and can also be applied with all previous versions of the safety monitor with the respective functional scope.

Further information is available [here](#).

up 

7. Safe process configuration with SIMATIC Safety Matrix V6.1

The SIMATIC Safety Matrix version 6.1 engineering tool for the configuration of safety applications in the process industry, is certified in accordance with SIL 3 by the TÜV (German technical inspectorate), and eases safety lifecycle management – from analysis to realization, up to operation of the system. Based on the cause-and-effect method, the SIMATIC Safety Matrix is particularly suited for processes with defined requirements or events which call for special safety responses.

It serves the description and documentation of safety functions and is implemented automatically into the safety-related program. Special programming know-how is not required. The engineering tool offers online monitoring, alarm and report functions as well as change management. Safety applications can be easily visualized on a PCS 7 operator station via the Safety Matrix Viewer. Further information is available [here](#).

up 

General information

8. Welcome to the Siemens booth at the Hanover Fair 2008

Visit us at the Hanover Fair held from April 21 to 25, 2008 and experience safety technology at first hand! According to the motto "Increase your Productivity. Totally Integrated Automation", you get the chance to experience our innovations such as the modular safety system, drives with integrated safety and much more. Our experts are looking forward to welcoming you.

Hanover Fair, hall 9, booth A72.

à www.siemens.com/hannover-messe

à www.siemens.com/Safety-Integrated

up 

9. Course: SINUMERIK 840D sl Safety Integrated configuring and start-up

In this course, you will be trained on the configuration and commissioning of the Safety Integrated function with SINUMERIK 840D sl. The practical configuration, commissioning and servicing exercises carried out with our training devices form an important part of this training. After completion of this course, you will be perfectly familiar with the Safety Integrated function with SINUMERIK 840D sl and you will be able to configure, test and commission special system configurations with safety functions independently. More information is available [here](#).

up 

10. Safety Integrated newsletter archive

Previous Safety Integrated Newsletters can be found [here](#).

Would you like to cancel the Safety Integrated Newsletter? You can do this [here](#).

Would you like to subscribe to further newsletters? Newsletters as "Totally Integrated Automation", "Standard Drives" or "Controls and Distribution" offer interesting articles to product innovations within automation, drives technology and industrial controls and much more.

à [to the Newsletters](#)



All information provided on this page is for informative purposes only and is not binding. Siemens AG reserves the right to change information on this page at any time. Siemens AG will not accept liability for or guarantee the accuracy of the information contained herein.

This Newsletter was sent to: steven.pickhardt@siemens.com

Corporate Information:

Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Munich, Germany, Tel.: +49 89 636-00

Chairman of the Supervisory Board: Gerhard Cromme; Managing Board: Peter Loescher, Chairman, President and Chief Executive Officer; Wolfgang Dehen, Heinrich Hiesinger, Joe Kaeser, Erich R. Reinhardt, Hermann Requardt, Siegfried Russwurm, Peter Y. Solmssen

Registered offices: Berlin and Munich; Commercial registries: Berlin Charlottenburg, HRB 12300, Munich, HRB 6684; WEEE-Reg.-No. DE 23691322

Responsible according to § 10 Abs. 3 German Treaty on Public Media Services: Stephan Heimbach