

### Industry Sector Industry Automation Division

Nuremberg (Germany), November 11, 2008

#### **Expanded diagnostics and alarm software for industrial PCs**

**The Siemens Industry Automation Division has added new functions to its Simatic PC DiagMonitor diagnostics and alarm software for industrial PCs. The new Version 4.0 of this software now also monitors Simatic PC Compact Flash memory media. The new “Web business card” notifies users via the Internet browser about important information and the status of the Simatic PCs. The new “Silent Installation” function enables the software to be installed easily via the command line. In addition, the user interface has been redesigned in the Windows Explorer style to be even clearer and more user-friendly.**

The Simatic PC DiagMonitor software diagnoses Simatic PCs in networked systems, thereby monitoring the operating states of the industrial PCs both locally and remotely and recognizing any weaknesses before they cause failures. For example, it monitors the internal device temperatures of the processor, main board and chipset, as well as fan and hard disk speeds – even in RAID1 configuration. System states are visualized locally on a monitor and/or the diagnostic LEDs of the Simatic PC and also made available over the LAN or the integrated Web server. The diagnostic data are transmitted via OPC server or SNMP to any user software or Simatic software, such as Simatic visualization software WinCC or WinCC flexible. A new feature added to Version 4.0 is also the permanent monitoring of the diagnostics-capable Simatic PC CompactFlash cards. A new “Web business card” notifies users via the Internet browser about important information and the status of the Simatic PCs. The displayed device data include such items as the product designation, main board number, current status of the BIOS procedure and system status with “Error: yes / no”. The “Silent Installation” function is also new: This user-friendly function allows the user to install the software via the command line, which can even be done remotely using standard remote tools, without having to be on site.

Signaling and alarm functions integrated into Simatic PC DiagMonitor enable service personnel to be notified automatically by means of LAN, SMS or e-mail. This avoids failures and downtimes and

increases productivity. The user can specify, say, maintenance intervals and coordinate repair work, so that the replacement of components can take place during non-production periods. Automatic actions can be configured for fault scenarios, such as the opening of the storage-manager in the case of RAID faults for the fast restoration of mirror disk operation or a restart for the controlled shutdown and restart of the computer.

Further information can be found on the Internet at: [www.siemens.com/simatic-pc](http://www.siemens.com/simatic-pc)

You can find the text on the Internet at: [www.siemens.com/automation/press](http://www.siemens.com/automation/press)



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You can find this photo on the Internet at: [www.siemens.com/ad-picture/1660](http://www.siemens.com/ad-picture/1660)

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

Reference number: IIA200811.1661e fp

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

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The **Siemens Industry Automation Division** (Nuremberg, Germany) is a worldwide leader in the fields of automation systems, low-voltage switchgear and industrial software. Its portfolio ranges from standard products for the manufacturing and process industries to solutions for whole industrial sectors that encompass the automation of entire automobile production facilities and chemical plants. As a leading software supplier, Industry Automation optimizes the entire value added chain of manufacturers – from product design and development to production, sales and a wide range of maintenance services.