Industry Services

Secure network segmentation with the Automation Firewall security package

Technology-based services for a greater competitive edge
Minimum downtime and the optimum use of staff and resources are key to sustainable success in industry. Siemens provides the basis for greater productivity, flexibility, and efficiency with technology-based services throughout the lifecycle of an industrial plant – reliably, globally, and around the clock. In-depth technology and product knowledge as well as industry expertise within Siemens’ global network of expert ensure a considerable competitive edge.

Industrial security services from Siemens effectively support you in setting up a comprehensive security concept for your plant.

The challenge
Availability and security of production facilities are of great significance in the industrial environment. The increasing integration of the automation network in the corporate network aggravates the risk of damage due to viruses or malware.

In order to avoid loss of production and downtimes, data traffic between networks must be checked, analyzed and released selectively without impairing the function of the automation system.

This is the only way to ensure the plant is optimally protected and that productivity is not compromised.
The solution
Siemens Industry Services provides operators with validated solutions in accordance with ISA 99 / IEC 62443 for secure network segmentation, threat management and secure web access, e.g. for updates from the plant. Automation firewall services are an effective way to protect your industrial plant.

Additional managed services support customer-specific solutions:
- Continuous monitoring of the functionality and up-to-dateness of the firewall solution incl. reports
- Services for reporting critical conditions in the plant network

The Siemens automation firewall is a tested and validated solution available as a standardized product in two performance classes (Automation Firewall 200 and 1000) for coordinated use with PCS 7 and WinCC as well as with SIMATIC NET products with supplementary services.

Comprehensive hardware & software functions for PCS 7 and WinCC projects (e.g. Stateful inspection package filter, application layer firewall, VPN gateway, antivirus scanning and IDS, URL filtering and Web proxy) will be enhanced through added integral basic services (hotline, exchange and SUS).

Additional suitable protective measures have to be taken up to ensure a safe operation of the plant. You find further information about the topic of Industrial Security on the Internet under: www.siemens.com/industrialsecurity

The benefits
With its automation firewall services, Siemens provides plant operators with comprehensive protection for their plant network, and rapid detection of attacks or malfunctions.

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Siemens AG
Industry Sector
Customer Services Division
Werner-von-Siemens-Str. 65
91052 Erlangen
Germany

E-mail: industrialsecurity.i@siemens.com

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