

Siemens AG Protects Global Infrastructure from Industrial Espionage with Trend Micro™ NeatSuite™ Advanced

Siemens AG's global processes are supported by an IT infrastructure that encompasses 450,000 end devices, 100,000 servers, and 420,000 users. Siemens finds itself increasingly in the crosshairs of industrial espionage. Consequently, the company places a high priority on security and protecting against malicious attacks.

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— **Martin Aicher,**
Team Leader,
Virus Competence Center,
Siemens IT Solutions
and Services
Siemens AG

PROTECTING INTERNAL PROCESS AND EXTERNAL CUSTOMERS

Siemens AG maintains its own Virus Competence Center in Fürth, Germany. The specialists here define guidelines for the entire company, evaluate products, and maintain contact with solution providers. The Virus Competence Center's customers include not only the individual companies within the Siemens Group but also a growing number of external companies for which Siemens manages infrastructure security.



Siemens IT Solutions and Services and the Virus Competence Center work together to design, deploy, and manage the company's anti-malware solutions. Many years ago, the security specialists in the Virus Competence Center evaluated a number of leading vendors and selected Trend Micro™ for company-wide security. The initial replacement of the previous security solution took place on an aggressive three-month schedule.

“Our fast deployment would have been nearly impossible without Trend Micro's comprehensive support,” said Martin Aicher, team leader of the Virus Competence Center at Siemens IT Solutions and Services. “The level of commitment and involvement shown by our contact person at Trend Micro confirmed that we made the right choice with Trend Micro. The switch to Trend Micro was a perfect three-point landing for us, because ‘Loveletter’ crossed our path five days after rollout. We had the situation under control by early afternoon in each of our subsidiaries around the world, so that any further infection was prevented. Trend Micro withstood the trial by fire.”

EFFICIENTLY MANAGING A GLOBAL SOLUTION

Today, Siemens enjoys the protection of Trend Micro NeatSuite Advanced, a comprehensive gateway-to-endpoint security suite that provides multilayered, multi-threat protection. Among other components, the suite includes OfficeScan™ for clients, ServerProtect™ for file servers, ScanMail™ Suite for mail servers, and InterScan™ Messaging Security

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KEY BENEFITS

- **Enterprise-class solution.** Scales for large global networks.
- **Fully integrated suite.** Gateway-to-endpoint solutions enable solutions tailored for company employees and customers.
- **IT-efficient deployment.** Centralized management, enterprise-wide reporting, and automated updates minimize IT support time.
- **Secure mobile devices.** Protects mobile workers' productivity and guards against data loss.

Suite for messaging gateways. Trend Micro Control Manager™ enables centralized management, so that a single platform manages 45,000 clients, 1,000 servers, and 70 mail servers in Germany alone.

Given the tremendous volume of data on the Siemens infrastructure, management responsibility was originally distributed across regions, each using Trend Micro Control Manager. However, plans are in the works for a centralized Control Manager installation, which will enable the group at Fürth to monitor worldwide security. “Trend Micro Control Manager’s high level of scalability and cascading options will let us monitor our worldwide security infrastructure even more efficiently,” Aicher explained.

PROTECTING MOBILE DEVICES

The threat landscape has changed dramatically, according to Aicher’s observations, with Trojan horse emails and manipulated websites posing serious threats today. Threats are much more stealthy and harder to identify than they were in previous years, and malware frequently has multiple variants. Mobile devices have also introduced potential vulnerabilities since laptops and other portable devices can bring malicious malware onto the corporate network after periods of operating off-network.

To address the current threat landscape, Siemens is taking advantage of the newest Trend Micro web threat protection features, particularly with respect to mobile devices. Web reputation technology protects users as they surf the Internet by blocking access to websites that are known to be sources of malware. In this way, users are protected from new threats that arise on these sites even before a pattern is available for that specific malware instance. Trend Micro monitors billions of websites and continuously updates databases that enable real-time protection.

Siemens also deploys a Trend Micro Mobile Security to protect another class of mobile devices: the company’s network of approximately 3,000 PDAs. Data encryption for the PDA SD cards minimize data leakage caused by lost or stolen devices. Trend Micro Mobile Security also enables malware scanning and policy enforcement to block viruses, worms, Trojans, spyware, and evolving malicious mobile code targeting handhelds and storage cards. A built-in firewall monitors traffic and blocks unauthorized activity. Siemens plans to minimize management costs by taking advantage of the consolidated console enabling centralized management of Trend Micro desktop and mobile device security solutions.

SUPERIOR ENTERPRISE SOLUTIONS

“From our perspective, Trend Micro has done better than any other provider, positioning itself as an ideal partner for very large enterprise customers,” Aicher said. In addition to the product functionality and ease of management, Trend Micro has also excelled in terms of technical support. “When you work with complex software, inevitably questions will arise,” said Aicher. “That is the point where a provider’s commitment to service becomes critical. Trend Micro has proved itself to be flexible and thoroughly committed to its collaboration with Siemens. We naturally keep a constant eye on the virus protection market, and for that reason we can state with conviction that we have found the right partner in Trend Micro.”

CORPORATE PROFILE

**Siemens AG, The Siemens Group
Berlin and Munich, Germany**

The Siemens Group, headquartered in Berlin and Munich, is one of the world’s largest and most tradition-rich companies in the sector of electronics and electro-technology. Founded more than 160 years ago, the company supports its customers in over 190 countries with innovative technologies and comprehensive expertise. Siemens AG is active in the energy, industrial, and medical sectors, and is considered one of the world’s leading technology providers in these fields.

- **Industry/Vertical** Electronics manufacturing
- **Infrastructure** 420,000 seats; 100,000 servers

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TREND MICRO SOLUTIONS

- **Trend Micro NeatSuite Advanced**
<http://us.trendmicro.com/us/products/enterprise/neatsuite/index.html>
- **Trend Micro Mobile Security**
<http://us.trendmicro.com/us/products/enterprise/anti-spyware-enterprise-edition/index.html>



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