

Defense and Security Electronics Company Selects Trend Micro Enterprise Security

SELEX Sistemi Integrati introduces endpoint and gateway security solutions to gain integrated, manageable global protection.

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EXECUTIVE SUMMARY

Customer Name: SELEX Sistemi Integrati

Industry: Defense and security electronics

Location: Headquarters in Rome, Italy

Web Site: www.selex-si.com

Number of Employees: 4200

CHALLENGE:

- Simplify management of security
- Increase visibility of security within a large, global infrastructure
- Keep security up to date to avoid risks from the latest threats

SOLUTION:

- Migrate to Trend Micro Enterprise Security Suite
- Build in extra layers of security, with Trend Micro gateway security solutions
- Introduce Trend Micro Control Manager to gain a single, centralized console and enhanced reporting

BUSINESS RESULTS:

- Cost-efficient management of security, with a console for managing updates and visibility over threats
- Tighter access controls on networks, with integration of Trend Micro technology and Cisco NAC
- Improved system performance for PCs and servers

Challenge

With operations spread across multiple countries, SELEX Sistemi Integrati found it increasingly challenging to secure its mission-critical resources. The manufacturer of defense and security electronic systems views the maintenance of security, confidentiality, and safeguarding of its core business as fundamental concerns. However, the rapid evolution of IT threats requires a greater capacity to manage security solutions and handle all issues from a single centralized console. Supporting two different security vendors was forcing SELEX Sistemi Integrati to maintain two management consoles: one for Trend Micro email protection, and the other for another security vendor's desktop and server antivirus.

The dual consoles not only required that IT master two different knowledge sets, but also led to a lack of functionality and a handicap in terms of threat response time. Other factors complicating the management of security included:

- The inability to have a single security infrastructure across all locations
- A lack of simple one-click functions for administrative tasks
- The need for a firewall that could be configured remotely, allowing for ad hoc and individual-user exceptions
- A lack of stand-alone antispymware features

Moreover, IT did not have an at-a-glance picture of overall security status at any point in time, and could not easily produce summary reports on virus and malware activity. These handicaps were negatively impacting the speed of response to security threats. Added to all this was the problem of not being able to integrate the existing antivirus software with Cisco NAC to reliably manage and restrict access to company's Cisco VLAN.

Solution

For a long time, SELEX Sistemi Integrati used solutions from different security vendors to meet its protection requirements. Security is a very important requirement for a business with around 3000 to 3500 clients distributed geographically across multiple locations. However, given the importance in the security field of updating solutions and keeping pace with the best the market has to offer, SELEX Sistemi Integrati decided to reinforce its selection of Trend Micro and implement a single, centralized management console at the Rome server farm. SELEX Sistemi Integrati chose Trend Micro Enterprise Security because it offered highly advanced security technology that was flexible enough to meet

future challenges. Now SELEX Sistemi Integrati is able to effectively manage all activities involved in endpoint protection.

Today, SELEX Sistemi Integrati relies on Trend Micro Enterprise Security Suite to provide protection for all endpoints, email systems, and file servers. Switching to an all Trend Micro solution was carried out rapidly to avoid any disruption in protection. Trend Micro Enterprise Security for Endpoints has the capability to uninstall some of the better-known antivirus products on the market and install the new software in a 'silent' mode without requiring a restart of the clients. This migration process only took about one week for the Rome site and a couple of days at the other sites.

Trend Micro InterScan™ Messaging Security Suite and InterScan Web Security Suite have been deployed at the gateway to build in an extra layer of protection against email and web threats. Spam, phishing, and unwanted email were overwhelming SELEX Sistemi Integrati's gateways, and end users were also accessing inappropriate web sites. Trend Micro gateway security solutions helped SELEX Sistemi Integrati block unwanted email and web-based threats and also allowed the company to consolidate security for a more cost-effective solution.

Trend Micro Enterprise Security Suite includes Trend Micro Control Manager for centralized support of security. IT compared Control Manager to the other centralized management consoles on the market, since it is such a critical part of the solution. They determined that the Trend Micro console allows all security issues to be managed in a very streamlined manner. Trend Micro Control Manager lets SELEX Sistemi Integrati continuously monitor the security status of endpoints, control updates, verify whether threats exist, where they are coming from, and which of its sites they are targeting. This way SELEX Sistemi Integrati is able to deter threats by intervening quickly through automated or operator-guided actions. From the efficiency standpoint, this integrated and proactive approach has enabled SELEX Sistemi Integrati to manage security using fewer human resources than with the previous approach.

Results

With the implementation of its new security infrastructure, SELEX Sistemi Integrati has derived many benefits. Update status for clients and servers can now be verified in real time. IT also has broader and more in-depth visibility of potential security issues from detailed reports that are broken down by product, site, and application. The ability to update Control Manager, which then automatically updates all the other Trend Micro products in a cascading fashion, has made it possible to receive updates over the Internet as well as to reduce the number of update servers.

Choosing Trend Micro Enterprise Security has helped SELEX Sistemi Integrati increase endpoint control, and has strengthened its ability to detect, respond to, and block threats. Since Trend Micro solutions integrate with Cisco NAC, SELEX Sistemi Integrati is now able to limit access to the company's internal network. IT can define access requirements and easily modify them to align with evolving company policies.

With solutions that are powered by the Trend Micro™ Smart Protection Network™ infrastructure, SELEX Sistemi Integrati gains better protection from the latest threats, shortens the window of exposure, and also reduces pattern file sizes. This means better performance for its client systems.

Smart Protection Network enhances Trend Micro Enterprise Security with an innovative, next-generation cloud-client approach that combines sophisticated cloud-based reputation technology, feedback loops, and the expertise of TrendLabs™ researchers. These features deliver maximum protection from emerging threats while minimizing the cost and complexity of security management.

In Trend Micro, SELEX Sistemi Integrati found a reliable partner on the security front. SELEX Sistemi Integrati gains first-rate on-site support, and access to a remote support team of experts. In addition to obtaining notifications of new potential risks to our network, SELEX Sistemi Integrati can use Smart Feedback to send suspicious files to Trend Micro for prompt attention.

DEPLOYMENT ENVIRONMENT

4 main sites in Italy; plants in the U.K., Germany, and U.S.

Approximately 3500 PCs and servers

Trend Micro InterScan Messaging Security Suite

Trend Micro InterScan Web Security Suite

Trend Micro Enterprise Security Suite, which includes:

- Trend Micro Enterprise Security for Endpoints and Mail Servers
- Trend Micro ServerProtect
- Trend Micro Control Manager

Company Profile

SELEX Sistemi Integrati, a Finmeccanica company, designs, develops and markets large systems for homeland protection and systems and radar for air defense; battlefield management; naval warfare; air traffic control and airport management; coastal and maritime surveillance. The company has fifty years of experience and a customer base in no less than 150 countries. With plants in Italy, the UK (SELEX Systems Integration Ltd), Germany (SELEX Systems Integration GmbH) and the U.S. (SELEX Systems Integration Inc), the Company is a leader in research and development thanks to annual investments amounting to 20% of the production value. SELEX Sistemi Integrati has four main plants in Italy: in Rome, Genoa, Fusaro, and Giugliano (the latest two in the province of Naples).

Trend Micro Security

- **Trend Micro Enterprise Security**
<http://us.trendmicro.com/us/home/enterprise/>
- **Trend Micro Smart Protection Network**
<http://www.smartprotectionnetwork.com>
- **Trend Micro Enterprise Security Suite**
<http://us.trendmicro.com/us/products/enterprise/security-suite/index.html>
- **Trend Micro InterScan Messaging Security Suite**
<http://us.trendmicro.com/us/products/enterprise/inter-scan-messaging-security-suite/index.html>
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