

# Olympus Corporation Sees Tangible Increase in Security with Trend Micro™ OfficeScan™ Client/Server Edition

Olympus Corporation relies on its infrastructure to set it apart from the competition. More than 13,000 clients and hundreds of servers are spread across approximately 40 sites. All of these business-critical endpoints require enhanced anti-spyware protection combined with new strategies for handling Web threats.

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IT Infrastructure  
Department, Information  
Technology Division  
Olympus Corporation

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## KEY BENEFITS

- **Protection from Web threats.** New Web Reputation technology and enhanced spyware detection raise the level of security throughout the company.
- **Automation.** The small IT team avoids time-consuming manual interventions.
- **Flexibility.** The console includes new settings to better equip administrators.
- **Centralized management.** At-a-glance views and management enable support of the entire infrastructure from the main data center.

## A LEADING-EDGE MANUFACTURE REQUIRES LEADING-EDGE SECURITY

The technological foundation of the Olympus Corporation is a fusion of high-level optical technology and the latest digital technology. The company's opto-digital technology is applied in fields such as imaging, most notably as a part of its digital camera products. In the field of medicine, Olympus holds a 70% market share globally for digestive endoscopies. Other life sciences and industrial business efforts contribute to the company's reputation and success. The company's slogan "Social IN" symbolizes a fusion with society to create new value. This focus has inspired Olympus to extend its business to include contributions to society, including the recent promotion of the "Brave Circle" campaign against colon cancer, which is supported by the Japan Cancer Society.

"Business conditions are harsh, with increased competition for digital cameras, medical devices, and every other area of our company's business," explained Mr. Katsutoshi Takahatake of the IT Infrastructure Department in the Information Technology Division at Olympus Corporation. "In order to win in these conditions, we need to adapt our company's internal IT infrastructure for flexibility—we must be able to change rapidly and remain agile in response to market and business conditions. Compliance, reliability, and safety also drive the IT infrastructure. Bottom line, we have to keep the trust of customers who purchase Olympus products."





## THE BEGINNINGS OF A SECURITY SOLUTION

For Olympus, the topic of security is a major focus for its IT infrastructure team. “In our IT infrastructure today, security has the same level of importance as the operating system,” said Mr. Takahatake. “In addition to maintaining stability, security functions have to allow both concentrated management and flexibility, although at first these appear to be conflicting conditions. In all of these areas, we have turned to Trend Micro for assistance. Trend Micro has helped us in many ways with technical support and expertise, and over the years we have worked with them to deploy solutions that protect our workplaces.”



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It was ten years ago that the company first felt the need for an antivirus strategy. According to Mr. Takahatake, “It was around then that the threat from viruses within corporate IT environments started to increase. That’s why we decided to start with an antivirus strategy for clients.”

After carrying out a comparative study of the antivirus software on the market at the time, Olympus chose to deploy Trend Micro products to protect all client systems. “Trend Micro solutions are highly rated and give us the functions we need to protect our business, including support for a wide range of operating systems, affordability, and ease of management,” said Mr. Takahatake. “Trend Micro also has a comprehensive support team in Japan—we quickly decided that the combination of free and purchased Trend Micro support programs were better than those of other security solution providers.”



## INTRODUCING MULTILAYERED SECURITY

After introducing protection for the company’s clients, Olympus then went on to secure other areas including servers. Olympus uses ScanMail™ for Lotus Notes™, which is managed by the Domino server administrator. ScanMail has very effectively shut down a major malware vulnerability—the email channel—and enabled consolidated protection with centralized management.

At present, 40 locations with more than 13,000 clients and hundreds of servers are protected by Trend Micro solutions, and efficiently managed with Trend Micro™ Control Manager™. Mr. Takahatake and one other person are able to effectively oversee the deployment using the centralized console and functions.

“Trend Micro products, including Trend Micro Control Manager, have always been a help to us, as the design makes centralized management easy,” said Mr. Takahatake. “The response we get from our Trend Micro support team is also good, and we are particularly grateful for their professionalism—they consistently meet our service-level agreements.”

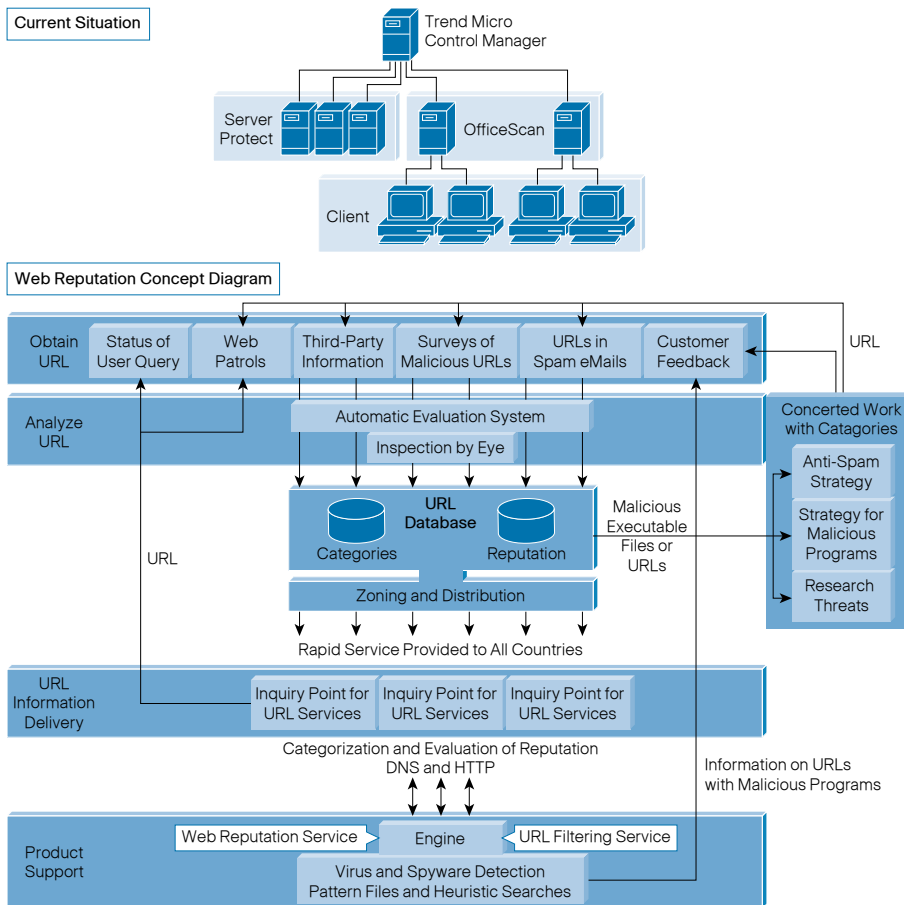
## PROTECTION FROM WEB THREATS

The emergence of Web threats, including spyware, spurred Olympus to extend its security strategy in this area. Mr. Takahatake expressed the company’s concerns: “Viruses have evolved from individual files to macros, e-mail attachment files, and worms, but we have heard that the number of recent viruses that use HTTP protocols is increasing. Inside our company, spyware has been detected and there

have been cases of viruses detected in browser caches. These can be difficult to remove manually, and in some cases can even require that we re-initialize a PC. As our corporate activities have become more global, our strategy for dealing with these new threats has become a matter of urgency.”

To eliminate the need for time-consuming interventions, Olympus evaluated an upgrade to the OfficeScan 8.0 release, with enhanced spyware protection and built-in Web Reputation technology. “We have very high expectations for the Web Reputation technology in OfficeScan 8.0,” said Mr. Takahatake. “We plan to introduce it in stages, as necessary, to protect us from the latest threats.”

Figure 1. Web Reputation concept evaluation



With Web Reputation technology, attempts to access Web sites can be automatically blocked if the site is identified as a source of malware. Disallowing the connection prevents viruses and other malware from penetrating the Olympus network via the HTTP

**CORPORATE PROFILE**

**Olympus Corporation**  
Tokyo, Japan

The product portfolio of the Olympus Corporation includes medical, health, imaging, information, and industrial devices. The company has established a technological foundation in high-level optical technology and the latest digital technology.

- **Industry/Vertical** Manufacturing of precision mechanical equipment
- **Employees** Approximately 33,000
- **Infrastructure** 40 sites; 13,000 desktops, hundreds of servers
- [www.olympus.co.jp](http://www.olympus.co.jp)

protocol. "In our company we have many levels of filters such as firewalls, but this was not enough," said Mr. Takahatake. "We expect Web Reputation technology to be effective even in cases of mobile PC users."

Web Reputation technology provides a new and effective method for countering the emerging threats from the Web. The new functionality in OfficeScan 8.0 is applied to all attempted HTTP operations, such as employees using Web browsers. The new software also catches any outbound HTTP access attempted by spyware and viruses. As a result, it is effective both at preventing damage from phishing and pharming, and at preventing information leaks from malicious programs. Since it operates on each individual client, it also protects mobile environments when users are operating off network.

Web Reputation technology takes advantage of registered information for hundreds of millions of top-level domains worldwide. As May 2007, it boasts a hit ratio of 98% for the 2-billion or more accesses it receives in a day, evaluating the safety of domains using a range of criteria.

The company's evaluation of the 8.0 release also identified other enhancements of interest. "The spyware engine has been enhanced, and the console is more detailed than previous versions—we have more flexibility for settings and have at-a-glance views of critical system status," said Mr. Takahatake.

## TREND MICRO PRODUCTS

- **Trend Micro OfficeScan Client Server Edition**  
<http://us.trendmicro.com/us/products/enterprise/officescan-client-server-edition/index.html>
- **Trend Micro ScanMail for Lotus Notes**  
<http://us.trendmicro.com/us/products/enterprise/scanmail-for-lotus-domino/index.html>



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