



## Bayer Relies on Trend Micro for Comprehensive Threat Protection

*Bayer AG needed the ability to identify and block high-risk vulnerabilities, provide protection at both network and application layers, and integrate defenses across all virus entry points. Trend Micro provides a comprehensive solution based on a strategy that integrates protection across the organization.*

***“In our view, Trend Micro has positioned itself even more clearly as a partner for the very large enterprise segment. For the future, we therefore wish to work together even more closely.”***

— **Udo-Peter Meyer**  
Bayer Business Services

### KEY BENEFITS

- **Comprehensive threat protection**
- **Centralized outbreak lifecycle management**
- **Consistent deployment of outbreak prevention policies**
- **Strong partnership furthers success**

Headquartered in Leverkusen, German, Bayer AG is a transnational enterprise with more than 350 companies on five continents and core competencies in the fields of health, nutrition and high-quality materials. Bayer Business Services is the global IT service provider for the legally independent subgroups and service corporations of Bayer AG. The group's globally networked production and management processes are based on an IT infrastructure that includes some 94,000 PCs and servers, together with three data centers in Germany, US, and Singapore.



In this data sensitive environment, any downtime of critical systems or interruption of business processes could escalate rapidly and create immense damage. As early as 1990, when virus attacks were mostly regarded as a nuisance rather than a serious threat to large enterprises, Bayer took its first protective antivirus measures. It worked with various well-known antivirus developers before a project with Trend Micro in 1999 culminated in a successful partnership.

Responsible for the company's antivirus strategy since 1994 as well as the initial selection of Trend Micro, Udo-Peter Meyer remembers, “In 1999, we needed a reliable antivirus solution for Lotus Notes, so we also tested Trend Micro™ ScanMail™ for Lotus™ Domino™. We were immediately won over by the product. The key factor in our decision was the excellent support from the German developers, who realized our modification requirements on-site and sparked our interest in further cooperation.”

### Centralized Antivirus Administration

The positive experience with ScanMail convinced Bayer Business Services to pursue its future antivirus strategy with Trend Micro products. Another key factor was Trend Micro's Enterprise Protection Strategy (EPS) that is based on a centralized management concept. EPS enables the integration of all globally deployed instances of Trend Micro ScanMail for Lotus Domino, Trend Micro™ OfficeScan™ Client/Server Edition and Trend Micro™ ServerProtect™ in one cross-platform antivirus infrastructure to help prevent outbreaks and mitigate damage and costs.

Bayer currently uses Trend Micro Control Manager™ to manage all OfficeScan, ScanMail and ServerProtect installations located at the respective data centers for Europe, US and Asia. This allows the centralized management of around 94,000 systems worldwide for Bayer. To ensure correct installation of the PCs, Bayer Business Services relies chiefly on a preinstalled “gold disk image” which contains a pre-configured Trend Micro antivirus solution. When the desktops are first started, they automatically synchro-nize with the regional OfficeScan servers without the need for any intervention by IT staff.



### Controlled Updates

Due to the highly sensitive pharmaceutical systems in Bayer's network, the enterprise's antivirus also has to comply with extremely strict legal requirements such as those set forth and monitored by the Food and Drug Administration. Generally, the safety of all system changes must be documented and proven meticulously. This also applies to updates of the antivirus solution. Updates of the product version, engines and pattern files must be tested in a special quality assurance network before they are released for enterprise deployment.

"Antivirus protection also affects systems that check the concentration of active ingredients in drugs, for example, so we need to strike a balance between the need for both speed and reliability of updates," says Meyer. "Pattern file updates are deployed automatically as soon as they pass QA; engine and product version updates require an intermediate instance. In the event of an acute virus outbreak such as Bagle and Netsky, however, we can always redirect the productive Control Managers directly to the Trend Micro update site."

### Pioneering with Trend Micro™ Network VirusWall™

The necessity of employing innovative security measures is one reason Bayer Business Services today leads the European-wide deployment of Network VirusWall. Network VirusWall was specifically designed to detect and block the growing threat from BOTs and network worms such as Sasser. The appliance is implemented upstream between the individual network segments, checking traffic for suspicious activity—an invaluable benefit for Bayer, confirms Meyer: "The appliance allows us to establish a high degree of basic security, especially as it relates to extremely sensitive systems. Since Network VirusWall is implemented at the perimeter, it is independent of the QA process for engine and version updates. This allows us to ensure continuous prevention in every phase against network viruses, which these days constitute the greatest share of malicious code for Bayer as well."

Bayer purchased 25 Network VirusWall appliances shortly after the product was launched. They have deployed Network VirusWall 1200 in laboratory networks to protect single network segments and Network VirusWall 2500 in data centers where they need to protect multiple network segments. Bayer Business Services also benefits from Network VirusWall 300 in its role as a service provider for other enterprises. "Network VirusWall 300, designed to protect individual systems and featuring an integrated firewall, is very popular with our clients," confirms Meyer. "Initially, Trend Micro developed this appliance to protect ATMs and similar devices. Cooperation with our clients, however, revealed that the appliance is also extremely well-suited for protecting small IT systems."

### Close Cooperation Pays Off

Past achievements don't justify resting on one's laurels—and neither will Trend Micro nor Bayer Business Services. "We can now reap the benefits of our close cooperation over the past few years," says Meyer. "In our view, Trend Micro has positioned itself even more clearly as a partner for the very large enterprise segment. For the future, we therefore wish to work together even more closely."

## TREND MICRO PRODUCTS

Trend Micro Control Manager

Trend Micro Network VirusWall

Trend Micro ScanMail for Lotus Domino

Trend Micro OfficeScan Client/Server Edition

Trend Micro ServerProtect

### Trend Micro, Inc.

Trend Micro, Inc. is a global leader in network antivirus and Internet content security software and services, focused on helping customers prevent and minimize the impact of network viruses and mixed-threat attacks through its award-winning Trend Micro™ Enterprise Protection Strategy. Trend Micro has worldwide operations and trades stock on the Tokyo Stock Exchange and NASDAQ.

Trend Micro products are backed by timely, high-quality service from TrendLabs<sup>SM</sup>, a global network of security research and support centers.

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