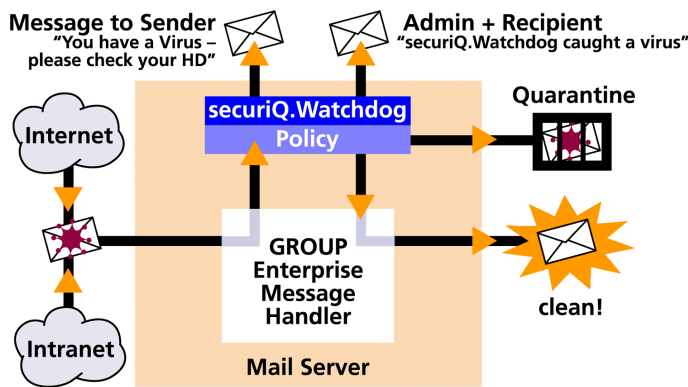


## Technical Documentation

# Using TrendMicro Scan Engine with securiQ.Watchdog for Lotus Domino



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## 1 Introduction

GROUP securiQ.Watchdog is a product capable of checking e-mail attachments for viruses or denied types or sizes. With several good virus scanners available on the market place, securiQ.Watchdog uses these existing engines for virus scanning jobs.

Consequently, GROUP is in permanent contact with virus scan engine manufacturers to integrate their scan engines into securiQ.Watchdog.

This document describes the integration of the TrendMicro Scan engine into GROUP securiQ.Watchdog.

## 2 Technical Integration

### 2.1 How is the Trend scan engine integrated into securiQ.Watchdog?

The integration is done by developing an interface between securiQ.Watchdog and the Trend scan engine. This interface has been developed by GROUP Technologies AG based on the Trend scan engine documentation provided by Trend Micro, Germany.

The interface (trendmicro.dll) is available for Windows NT / 2000, AIX, Solaris and AS/400.

The interface implements the scan functionality provided by the Trend scan API. The scan engine is told to load the pattern file from the standard location using the standard file name.

There is no possibility to tell the interface to use specific pattern files for scanning.

There is no functionality available for the automated update of the pattern files needed by the scan engine.

The following figure illustrates the integration of the scan engines into GROUP securiQ.Watchdog and the integration of GROUP securiQ.Watchdog into the Domino Server Environment.

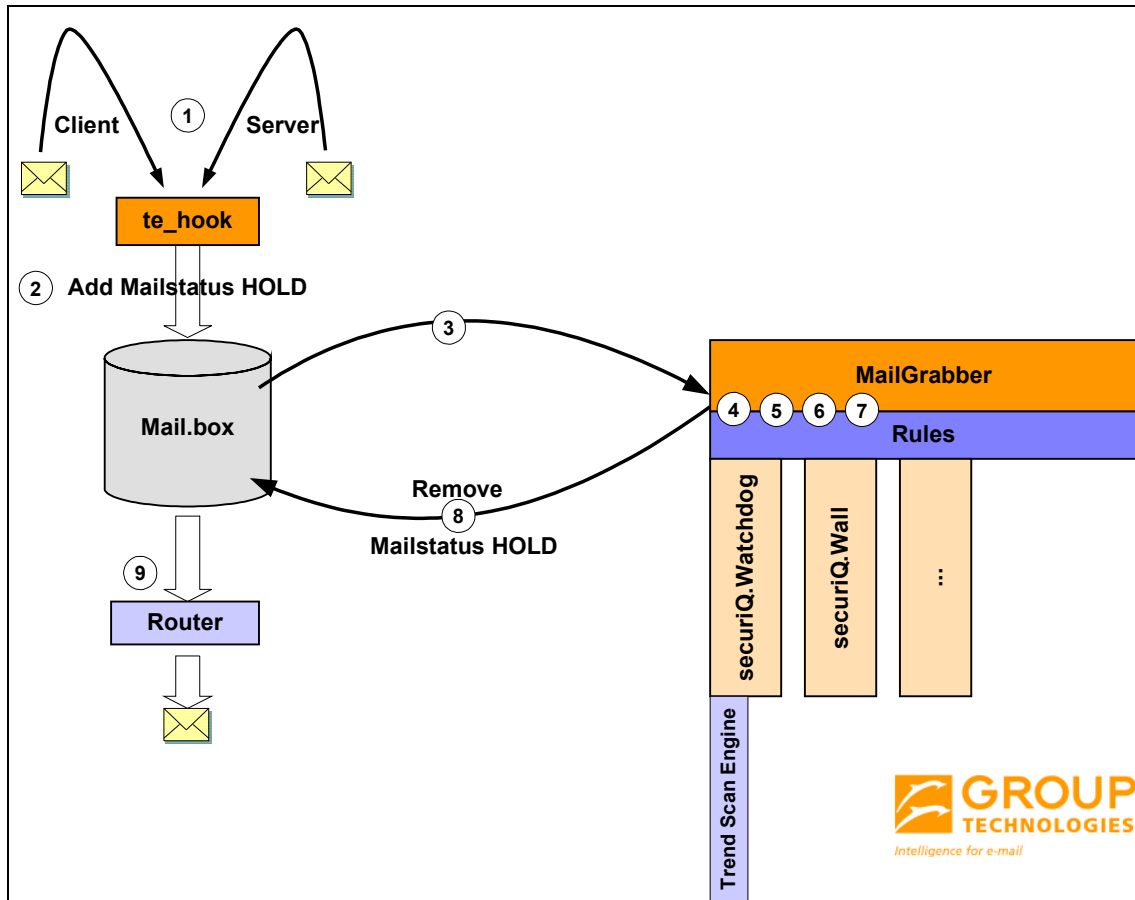


Fig 1. Integration of GROUP securiQ.Watchdog into the Domino Server Environment

## 2.2 What is the difference between Trend's scan engine and Trend ScanMail for Lotus Notes?

Trend ScanMail for Lotus Notes is similar to GROUP's securiQ.Watchdog. It is the product which picks up mail from the Domino Server and transfers the attachments to the scan engine for virus checking. It then modifies the mail in case of a virus alert or simply releases the mail in case of no alarm.

The scan engine is the component responsible for the actual virus checking. The scan engine does not interfere with the Domino server at all. The same scan engine is used in all Trend Antivirus products and therefore all products can use the same pattern files. It is also possible to use common auto-update mechanisms for all products.

The following figure illustrates the integration of the Trend Scan Engine into Trend ScanMail for Lotus Notes.

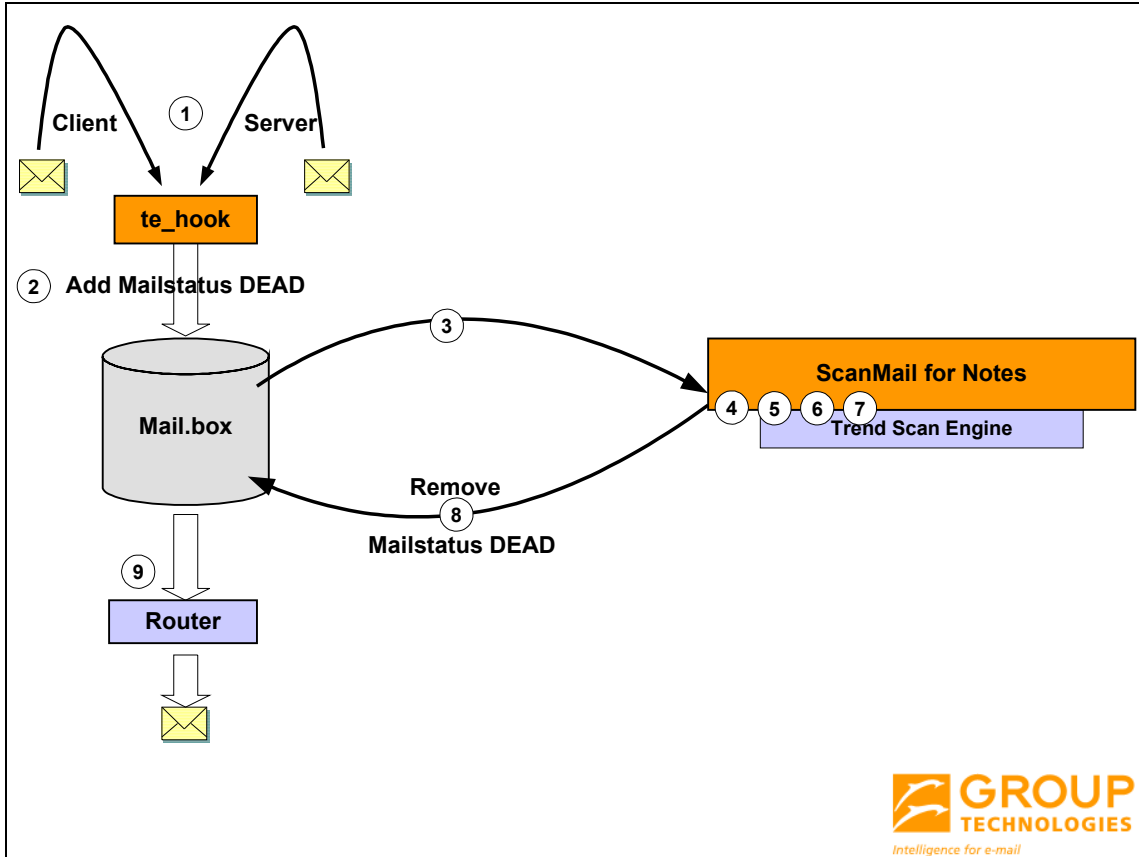


Fig 2. Integration of the Trend Scan Engine into Trend ScanMail for Lotus Notes

### **3 Company Profile - GROUP Technologies AG**

GROUP Technologies AG has been one of the worldwide leading manufacturers of e-mail security software for several years and also operates on the growth market for content security. The company's innovative and forward-thinking products have made GROUP one of the leading producers of technology and innovations for e-mail security and e-mail organization.

Using GROUP's iQ.Suite, medium-sized and large-scale corporations can optimize the cost and efficiency of their e-mail environments while at the same time enhancing their work productivity. The iQ.Suite products are based on a modular concept, are scaleable company-wide and therefore provide clients with the type of high investment security they need.

All products of the iQ.Suite are completely server-based and can be centrally managed at low cost. The iQ.Suite's performance ranges from cryptography, virus protection and content filtering to audit-proof filing of e-mails. An outstanding feature of the iQ.Suite is its ability to protect against e-mail initiated industrial espionage. The lexical and image content of every e-mail can be analyzed and categorized. Unsolicited, defined texts and images can be easily and reliably filtered out of the system and saved to a secure quarantine area. GROUP's iQ.Suite provides a complete security and organization package to ward off the risks involved in using e-mail whilst optimizing performance.

As an IBM and Microsoft partner, GROUP Technologies AG enjoys a top ranking on the content security market. The products can be purchased either directly or via its OEM partners and dealers. The company trades on the New Market. GROUP Technologies AG's customer base includes a wide variety of renowned companies, such as ABN AMRO, Bank One, Coca Cola, Deutsche Bank, Ernst & Young, and PWC. Over a million users utilize GROUP Technologies AG products to protect their systems.

GROUP Technologies AG headquarters is in Karlsruhe, Germany. The company also has offices in Frankfurt am Main and Munich, and maintains offices internationally both in Europe and in Boston, USA. GROUP Technologies AG currently has 100 employees on its payroll.

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