



# Trend Micro™ IM Security for Microsoft™ Office Live Communications Server

Antivirus and content security for Live Communications Server 2003 and 2005

## Problem

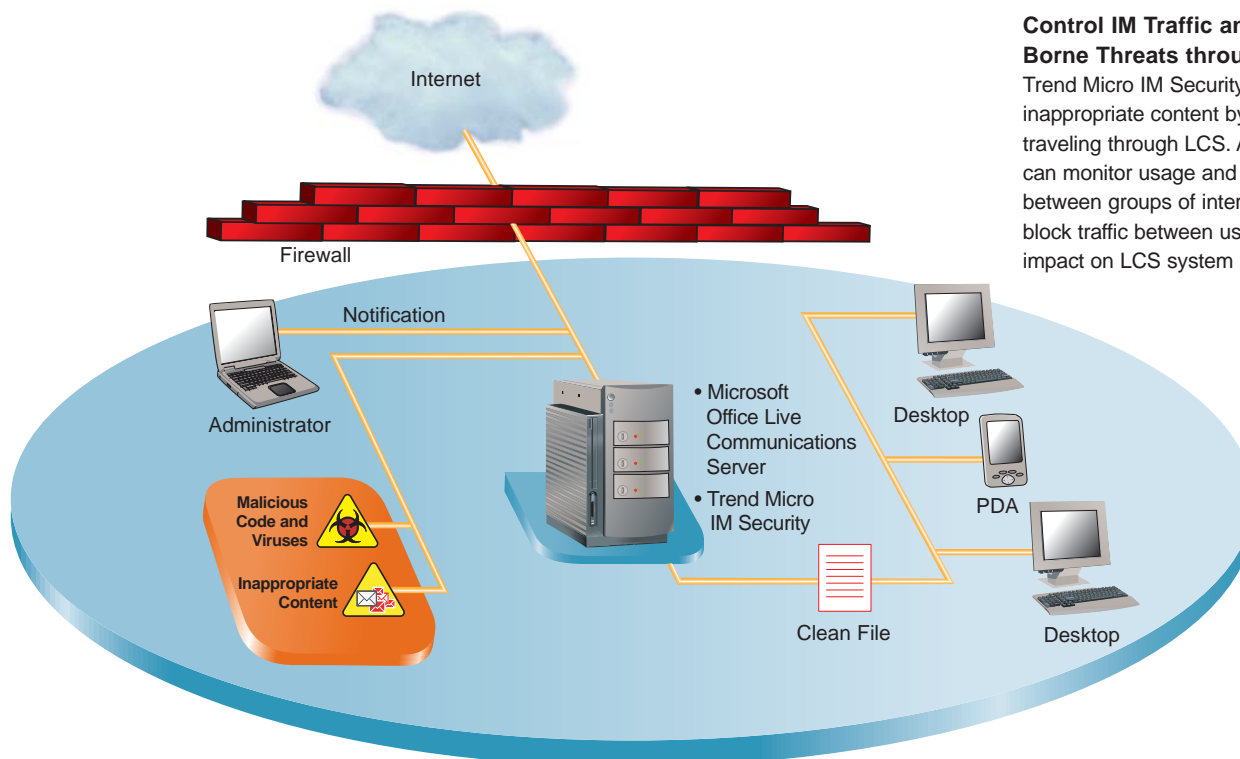
Instant messaging (IM) via Microsoft™ Office Live Communications Server provides a fast and convenient way for colleagues to locate and communicate with each other in real time via text messages. However, worms that propagate via IM—such as Bropia, Kelvir, and Fatso—are becoming more prevalent. Without a secure environment for IM, viruses can spread and downgrade business productivity. Without proper monitoring and control, trade secrets can be lost and legal problems can arise from inappropriate content or use of company resources. In short, IM requires similar security measures to email.

## Strategy

Trend Micro™ IM Security for Microsoft™ Office Live Communications Server (LCS) delivers advanced protection from malicious code and inappropriate content. IM Security for LCS can be centrally managed and administered, and runs with minimal performance impact to LCS. Incident-based archives support quick and easy searches for content violations. Complete with instant notification through LCS and comprehensive real-time reporting, IM Security helps administrators deploy and maintain a virus-free IM environment with secure content.

## KEY BENEFITS

- **Stops threats**  
Prevent viruses and other malicious code from being transmitted through LCS
- **Reduces legal risk**  
Block messages that violate your acceptable-use policy
- **Controls Usage**  
Select the communications methods available to users or groups and create ethical walls within teams in your organization
- **Centralizes management**  
Monitor LCS system health and IM usage trends and patterns from a Web-based management console



## Control IM Traffic and Block Internet-Borne Threats through LCS.

Trend Micro IM Security blocks viruses and inappropriate content by securing IM traffic traveling through LCS. Administrators also can monitor usage and control messages between groups of internal users, as well as block traffic between users—all with minimal impact on LCS system performance.

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## Antivirus

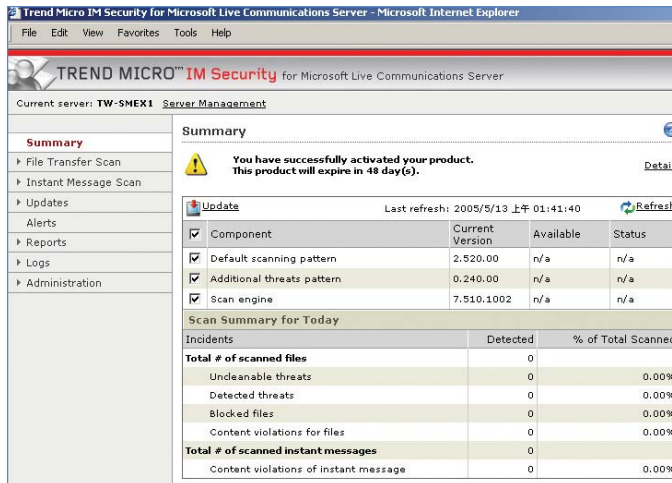
- Scans, detects, and removes viruses in real time with advanced settings for compressed files, file type blocking, encrypted file handling, first-level Zip cleaning, and macro stripping
- Recommends specific actions to take—such as delete, clean, or remove—based on the virus type
- Purges infected messages/attachments in real time—before they reach desktops
- Minimizes impact on system resources with multi-threaded memory scanning that accelerates IM scans, and by checking all files but scanning only those that are potential virus carriers

## Content Filtering

- Filters content with user-customizable and predefined content lexicons to protect against undesirable language in conversations and documents
- Supports external directory services, including Active Directory and SIP domains, for easy configuration and management
- Archives entire conversations—in conjunction with the LCS archive agent—in case of content violations to support further investigation by corporate regulators (i.e. HR, Legal, etc.)
- Simplifies quick searches in the LCS archive for content violations

## System Monitoring, Instant Notification and Reporting

- Administrators can manage IM Security from a single Web-based console located anywhere on the network
- Provides instant notification through LCS for virus incidents and content violations
- Comprehensive reports show LCS usage information on files transferred, conversation statistics, and violation counts
- Administrators can monitor LCS system health and IM usage trends and patterns



## TrendLabs™

Trend Micro products are backed by timely, high-quality service from TrendLabs, a global network of five regional antivirus research and support centers with an ISO 9001:2000-certified and COPC standards-certified headquarters. A team of more than 300 engineers and antivirus specialists operate around the clock to monitor virus activity, develop information on new threats, and deliver prompt, effective strategies. For more information about Trend Micro service and support, contact TrendLabs at [www.trendmicro.com/trendlabs](http://www.trendmicro.com/trendlabs).

## 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 TrendLabs, a global network of antivirus research and support centers.

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## System Requirements

For the latest updates, please refer to the product pages at [www.trendmicro.com](http://www.trendmicro.com).

### Microsoft™ Office Live Communications Server (LCS)

Either of the following:

- LCS 2005 Standard or Enterprise Edition (Front-end) or LCS 2005 with Service Pack (SP1) Standard or Enterprise Edition
- Microsoft™ Windows Server 2003 Standard or Enterprise Edition and Live Communications Server 2003 Home Server

**Note:** For more information about Sun or Microsoft JVMs, please refer to the Web page:

Sun JVM: <http://java.com/en/download/manual.jsp>

Microsoft JVM: <http://www.microsoft.com/mscorp/java/>

### Hardware

- PC with an Intel Pentium™ 550-MHz or faster processor
- 512MB RAM
- 200MB disk space for program files

### Software

- Microsoft Internet Information Services (IIS) 6.0 or Apache Web server 2.0
- Internet Explorer 5.5 or Netscape 7.2
- Sun™ Java Virtual Machine (JVM) version 1.4.1\_02 or the latest Microsoft JVM