

Trend Micro™

Mobile Security 5.1

Comprehensive enterprise protection for mobile devices

The wide use and increasing capabilities of smartphones and PDAs introduce security risks to the enterprise that parallel those for laptop computers. Analysts predict that data-centric mobile devices will become a major target for virus writers, hackers, as well as pose a risk to data confidentiality. Lost or stolen devices can endanger confidential business data, compliance efforts and business reputations. Businesses suffer the costs from downtime, stolen data, infections, lost employee productivity, and cleanup.

Trend Micro™ Mobile Security protects smartphones and PDAs from data loss, infections, and attacks from a central enterprise console that can also manage desktop protection. Encryption and authentication defends data integrity on lost or stolen devices. The anti-malware features block viruses, worms, Trojans, and SMS text message spam. Built-in firewall and IDS protects against hackers, intrusions, and denial-of-service attacks—potential threats to the increasing number of Wi-Fi-enabled mobile devices.

DATA ENCRYPTION, AUTHENTICATION, AND POLICY ENFORCEMENT

In-place real-time data encryption minimizes potential data leakage caused by lost or stolen devices. It also encrypts the data on their SD cards. On-device authentication policies enable device wiping for policy non-compliance, password history, time access restrictions, and use of PIN or password for access. This approach avoids the need for special “containers” or specific encrypted folders and enables robust policy compliance.

MALWARE SCANNING

Award-winning Trend Micro anti-malware technology detects and blocks viruses, worms, Trojans, spyware and evolving malicious mobile code on handhelds and storage cards. It performs automatic, real-time virus scans and allows mobile users to initiate manual scans.

FLEXIBLE UPDATES

New pattern files and updates are developed by TrendLabs, a global research and support team that works around the clock to monitor malware activity, develop protection from new threats, and deliver effective security. Trend Micro Mobile Security delivers updated pattern files to the mobile device according to the administrator's choice. Updates can be received via wireless data connection (WiFi, GPRS, EDGE, EV-DO, etc.) or by synchronizing with a PC via ActiveSync.

FIREWALL SECURITY

A built-in firewall provides critical protection for the increasing number of Wi-Fi-enabled mobile devices. The firewall monitors inbound and outbound network traffic and blocks unauthorized activity, preventing data theft and disruption of service. Enterprise can adjust the firewall protection level and create a rule list based on their security needs.

NEW! FEATURE LOCK

To align the use of smartphones and PDAs with corporate policies, Mobile Security 5.1 provides administrators with granular control over smartphone features such as built-in cameras, GPS receivers, or WiFi.

CENTRALIZED MANAGEMENT

The OfficeScan™ Client/Server Edition 8.0 console enables administrators to centrally provision and manage Trend Micro Mobile Security policies and settings on handsets. IT managers can save resources by managing security for mobile devices and other endpoints from a single console.

ANTI-SPAM FOR SMS TEXT MESSAGES

To block SMS text message spam, Trend Micro Mobile Security provides flexible anti-spam options including an approved sender list, a blocked sender list, and the ability to block SMS messages from unknown senders.

SOFTWARE

Protection Points

- Mobile devices

Threat Protection

- Viruses
- SMS Spam
- Spyware
- Data Loss
- Policy Compliance

KEY BENEFITS

• Secure information against accidental loss

New encryption and authentication functionality protects information from unauthorized access and minimizes inadvertent data leakage. The in-place encryption is designed to simplify compliance for end users.

• Improve protection while reducing complexity

A combination of encryption, authentication, anti-malware, firewall, and intrusion detection provides complete mobile protection in a single, compact application.

• Reduce administration with integrated management

A single, integrated console (OfficeScan Client/Server Edition 8.0 console) can manage security for smartphones, PDAs, desktops, servers, laptops, or any combination of these devices.

• Maintain mobile worker productivity

Avoid potential downtime and cleanup costs with real-time malware scanning and stateful inspection firewall.

TREND MICRO MOBILE SECURITY COMPARISON CHART

	Trend Micro Mobile Security 3.0*	Trend Micro Mobile Security 5.0 Standard Edition*	Trend Micro Mobile Security 5.0 Advanced Edition
Customer	Consumers and Small Business	Enterprise and Medium Business	Enterprise and Medium Business
Antivirus	✓	✓	✓
Firewall	✓	✓	✓
Intrusion Detection System	✓	✓	✓
In-place data encryption	No	No	✓
Central management	Optionally, via third party device management solutions	Central management of both mobile and desktop/laptop protection using an OfficeScan Client/Server Edition 8.0 Console. Desktop protection does not have to be from Trend Micro.	Same as Standard

* Trend Micro Mobile Security 5.0 (Standard Edition) is available as an upgrade from version 3.0 enterprise licenses at no additional cost. Contact your regional representative for upgrade details.

MINIMUM SYSTEM REQUIREMENTS

For the most complete, up-to-date list of supported devices, please refer to the Trend Micro Mobile Security product requirements page at www.trendmicro.com/mobilesecurity

MOBILE SECURITY MANAGEMENT MODULE

The Mobile Security Management Module on an OfficeScan Client/Server Edition 8.0 server. Refer to the OfficeScan Client/Server Edition 8.0 server documentation for minimum system requirements.

Additional Requirements for OfficeScan Client/Server Edition 8.0 server

- 200 MB of Disk Space

MOBILE SECURITY SMS MANAGER (Included but Optional)

Hardware

- 800MHz Intel™ Pentium™ processor or equivalent
- 512MB of RAM
- At least 40MB of available disk space
- USB support
- A monitor that supports 800x600 resolution at 256 colors or higher

Operating System

- Microsoft™ Windows™ Server 2003 Standard/Enterprise SP2
- Microsoft Windows Server 2003 R2 Standard/Enterprise
- Microsoft Windows Server 2003 Standard/Enterprise x64 Edition SP2
- Microsoft Windows Server 2003 R2 Standard/Enterprise x64 Edition
- Microsoft Windows 2000 Server/Advanced Server SP4
- Microsoft™ Virtual Server 2005 R2 (on Microsoft Windows 2000 Server)

SMS Sender(s)

- Microsoft Windows Mobile™ 5.0 Pocket PC/Smartphone
- Microsoft Windows Mobile 6.0 Standard/Professional

MOBILE SECURITY HANDSET REQUIREMENTS

Mobile Device Operating System	Installation package	Standard Edition		Advanced Edition (with encryption*)	
		Memory	Storage	Memory	Storage
Microsoft Windows Mobile 5.0/Pocket PC, 6.0 Classic/Professional	2.4 MB	1.7 MB	5 MB	2.2 MB	9 MB
Microsoft Windows Mobile 5.0/Smartphone, 6.0 Standard	2.5 MB	2 MB	5 MB	3 MB	10 MB
Symbian™ 9.1/S60 3rd Edition	1 MB	2.6 MB	1 MB	3.5 MB	5 MB

ENCRYPTION COMPLIANCE

In-Place, Real-Time Encryption is included in Advanced Edition only

FIPS 140-2 Compliance with the following supported algorithms

- AES 128-bit (FIPS 140-2 Validated)
- AES 192-bit (FIPS 140-2 Validated)
- AES 256-bit (FIPS 140-2 Validated)
- Triple DES (FIPS 140-2 Validated)

FOR MORE INFORMATION

- Mobile Security
www.trendmicro.com/mobilesecurity

ALTERNATE PRODUCTS

- Trend Micro Mobile Security 3.0 (standalone)

COMPLEMENTARY PRODUCTS

- OfficeScan Client/Server Edition 8.0

“ The divide between consumer and enterprise mobile devices is rapidly blurring. Enterprises are now confronted with individual employees' personal mobile devices on their networks. Mobile security products from vendors like Trend Micro can help enterprises to secure this new threat vector. ”

Jonathan Singer

Research Analyst, Yankee Group, 2006



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