

Trend Micro™

Mobile Security for Enterprises 5.5

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 automatically encrypts emails, contacts, and calendars as well as the data on memory 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.

FEATURE LOCK

To align the use of smartphones and PDAs with corporate policies, Mobile Security 5.5 provides administrators with granular control over smartphone features such as built-in cameras, GPS receivers, or WiFi.

CENTRALIZED MANAGEMENT

The OfficeScan™ 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

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 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

	Mobile Security 6.5	Mobile Security 5.5 for Enterprises— Standard	Mobile Security 5.5 for Enterprises— Advanced
Customer	Consumers and Small Businesses	Enterprise and Medium Businesses	Enterprise and Medium Businesses
Antivirus	✓	✓	✓
Firewall	✓	✓	✓
Intrusion Detection System		✓	✓
In-place data encryption			✓
Central management	Optionally through third party device management tools	Central management of both mobile and desktop/laptop protection using an OfficeScan Console. Desktop protection does not have to be from Trend Micro	Same as Standard

FOR MORE INFORMATION

- Mobile Security www.trendmicro.com/mobilesecurity

ALTERNATE PRODUCTS

- Mobile Security 6.5 (standalone)

COMPLEMENTARY PRODUCTS

- Enterprise Security for Endpoints

“ 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

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 server. Refer to the OfficeScan server documentation for minimum system requirements. Additional Requirements for OfficeScan server					
• At least 1GB of available disk space					
MOBILE SECURITY SMS MANAGER (Included but Optional)					
Hardware					
• 800MHz Intel™ Pentium™ processor or equivalent					
• At least 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 2008					
• Microsoft Windows Server 2008 R2					
• Microsoft Windows Server 2003 Standard/Enterprise SP2					
• Microsoft Windows Server 2003 R2 Standard/Enterprise					
• Microsoft Windows Server 2003 R2 Standard/Enterprise x64 Edition SP2					
• Microsoft Windows Server 2003 R2 Standard/Enterprise x64 Edition					
• Microsoft Windows Server 2000 Standard/Enterprise SP4					
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.x Classic/ Professional	2.4 MB	1.7 MB	5 MB	2.2 MB	9 MB
Microsoft Windows Mobile 5.0/Smartphone, 6.x Standard	2.5 MB	2 MB	5 MB	3 MB	10 MB
Symbian™ 9.1/S60 3rd & 5th 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					
• AES 128-bit		• AES 256-bit		• AES 192-bit	
• AES+XTS					



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