

Trend Micro™

# LeakProof™ 5.0

Comprehensive Data Loss Prevention with Lower Cost and Complexity

Data loss prevention (DLP) is critical to stop accidental and malicious data leaks—whether it's customer information, financial data, intellectual property or trade secrets. One incident could cost millions in brand damage, lost business, fines, and litigation.

The challenge for data loss prevention is identifying, tracking, and securing all confidential data at rest, in use, and in motion. This is increasingly difficult due to growing risk factors, including distressed employees in fear of layoffs, mobile workers, and leakage points like USB drives, webmail, IM, and CDs/DVDs.

**Trend Micro™ LeakProof™** is a data loss prevention (DLP) solution that reduces complexity and costs—with the broadest coverage, highest performance, and deployment flexibility. Available in two versions, **LeakProof Standard** helps organizations comply with regulatory mandates by securing employee and customer data. **LeakProof Advanced** offers the same protection plus advanced DataDNA™ fingerprinting to secure intellectual property. Both versions include a client and server:

- **LeakProof Client** – non-intrusive monitoring and enforcement software detects and prevents data loss at each endpoint, across the broadest variety of threat vectors—whether online or off. The client communicates with the server to receive policy and fingerprint updates and report violations.
- **LeakProof Server** – provides a central point of visibility and control for discovery, fingerprint extraction, policy enforcement, and reporting. The server is available as a hardware appliance or software virtual appliance—for greater flexibility and lower costs.

## DATA LOSS PREVENTION FEATURES

### Lower Cost and Complexity

- Provides faster time to protection with new push-button compliance templates
- Saves time with new UI, ActiveDirectory integration, and user/group policies
- Streamlines IT with delegated administration plus end user device and access control
- Offers pricing options and flexibility with two versions and multiple form factors

### Expanded Privacy Protection

- Helps ensure compliance with more inspection points—for the broadest coverage
- Offers new filters for Skype, P2P, Windows File Share, ActiveSync, clipboard, and network printers
- Defends other network channels including email, webmail, HTTP/S, FTP, and IM
- Secures endpoint input/output such as file transfers to USB drives and CD/DVDs

### Data Discovery and Scanning

- Locates sensitive data stored on laptops, desktops, and servers with radar-like precision
- Employs policy enforcement and multiple matching engines for real-time protection
- Continuously monitors data at rest, in use, and in motion to prevent data loss
- Blocks unauthorized data transfers

### Advanced Intellectual Property Protection

(LeakProof Advanced only)

- Protects proprietary data using DataDNA™ fingerprinting technology—for superior accuracy
- Reduces fingerprint size by over 90%, increasing scalability without sacrificing accuracy
- Improves performance with new endpoint fingerprint crawler for real-time identification

### Interactive Employee Education and Remediation

- Alerts employees to sensitive content and risky behavior with options to block or allow with proper justification
- Uses dialog boxes to educate employees on appropriate handling of confidential information
- Does not impact business processes

## DATA LOSS PREVENTION

- Mobile, branch, corporate
- Endpoints online, offline
- Corporate networks
- Public networks
- P2P, Skype, Active Sync and more
- Data in motion, at rest, in use

## THREAT PROTECTION

### External Threats

- Data-stealing malware
- Hackers

### Internal Threats

- Accidental data loss
- Malicious data loss

## KEY BENEFITS

- **Protect Privacy** - Discover, monitor and prevent confidential data loss—on or off network
- **Secure Intellectual Property** - Identify, monitor, and protect trade secrets
- **Comply with Regulations** - Implement controls for protection, visibility, and enforcement
- **Educate and Remediate** - Customize interactive dialogs to stop risky employee behavior and data loss
- **Discover Sensitive Data** - Find sensitive data on laptops, desktops, and servers

## Customers Recommend It

“ Even with established procedures for checking out data, it wasn't until we had the visibility offered by Trend Micro LeakProof that we could be assured—and prove—that we were achieving the desired level of data protection. ”

### Lucia Johnson

Information Systems Manager  
Associated Fuel Pump Systems Corporation

LeakProof 5.0		
Key DLP Features	Standard	Advanced
Discover, monitor, block and encrypt private data with real-time view of endpoint status	✓	✓
High-performance, low-impact filtering based on keywords, meta data and regular expressions	✓	✓
Granular policy enforcement by ActiveDirectory user or group, Windows domain, and endpoint groups	✓	✓
Control of input/output devices: USB, CD/DVD, IrDA, Bluetooth, COM and LPT ports, and more	✓	✓
Broad coverage of communication systems: email, webmail, IM, P2P, FTP, Skype, Windows File Share, ActiveSync, and more	✓	✓
Flexible and scalable deployment with choice of hardware appliance or software virtual appliance	✓	✓
Low administration and TCO with new UI, alerts, 10x faster deployment, compliance templates, encryption, and more	✓	✓
Intellectual property protection using DataDNA™ technology with 90% smaller fingerprint for higher performance, scalability and accuracy		✓

## MINIMUM SYSTEM REQUIREMENTS

### Supported Microsoft Platforms

- Windows 2008
- Windows 2003
- Windows Vista
- Windows XP

### LeakProof Client Software

- **CPU:** 300MHz Intel™ Pentium™ or equivalent
- **RAM:** 512MB
- **Storage:** 300MB

### LeakProof Server Virtual Appliance—VMWare

- **CPU:** Intel XEON or AMD Opteron dual-core or equivalent
- **Memory:** 2GB
- **Storage:** 30GB
- VMWare ESX and ESXi 3.5

### LeakProof Server Hardware Appliance

- Purpose-built 1U rack-mountable appliance
- Security hardened
- **CPU:** Quad Core Xeon E5410 Processor 2x6MB Cache, 2.33GHz, 1333MHz FSB, PE1950,OEM (223-5027)
- **Memory:** 4GB 667MHz (4X1GB), Single Ranked Fully Buffered DIMMs
- **Storage:** 250GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive
- **NIC:** Dual Embedded Broadcom NetXtreme II 5708 Gigabit Ethernet NIC

## WIDE COVERAGE OF FILE TYPES, APPLICATIONS, AND DEVICES

### File Types Supported

- Recognizes and processes 300+ file types
- Microsoft™ Office files including Office 2007: Microsoft Word, Excel, PowerPoint, Outlook™ email; Lotus™ 1-2-3, OpenOffice, RTF, Wordpad, Text, etc.
- Graphics files: Visio, Postscript, PDF, TIFF, etc.
- Software/engineering files: C/C++, JAVA, Verilog, AutoCAD, etc.
- Archived/compressed files: Win ZIP, RAR, TAR, JAR, ARJ, 7Z, RPM, CPIO, GZIP, BZIP2, Unix/Linux ZIP, LZH, etc.

### Network/Applications Controlled

- Email: Microsoft Outlook, Lotus Notes, and SMTP Email
- Web mail: MSN/Hotmail, Yahoo, GMail, AOL Mail, and more
- Instant Messaging: MSN, AIM, Yahoo, and more
- Network Protocols: FTP, HTTP/HTTPS, and SMTP

### Endpoint Devices Controlled

- USB, CD/DVD, COM & LPT ports, removable disks, floppy, infrared and imaging devices, print screen, modems, PCMCIA



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