

## Trend Micro

# Data Loss Prevention

### Comprehensive Data Loss Prevention Mitigates Risk and Improves Visibility

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. Today's enterprise must be able to identify, track, and secure all confidential data at rest, in use, and in motion. This is increasingly difficult due to growing risk factors, including mobile workers and the widespread use of USB drives, webmail, IM, and CDs/DVDs.

**Trend Micro™ Data Loss Prevention** is a family of solutions designed to minimise the risk of information loss and improve your visibility of data usage patterns and risky business processes—so your private information remains secure. You'll gain broad coverage, high performance, and deployment flexibility needed to comply with regulatory mandates. Trend Micro DLP solutions also offer advanced DataDNA™ fingerprinting to secure unstructured data and intellectual property, whether on or off the network.

#### TREND MICRO™ DLP ENDPOINT

- Supports compliance with industry regulations
- Educates users on corporate data usage policies
- Protects unstructured data and intellectual property
- Supports multi-function capabilities such as real-time monitoring, blocking and data discovery functions—via a single, lightweight agent

#### TREND MICRO™ DLP NETWORK MONITOR

- Inspects your network 24x7 with real-time monitoring
- Powered by Trend Micro™ Smart Protection Network™
- Tracks and documents sensitive data flowing through network egress points
- Aids in compliance, identifies risky business processes and improves corporate data usage policies

#### TREND MICRO™ DLP MANAGEMENT SERVER

- Provides a central point of visibility and control for discovery, fingerprint extraction, policy enforcement, and reporting violations
- Available as a hardware appliance or software virtual appliance—for greater flexibility and lower costs

Key Features	Trend Micro DLP Endpoint	Trend Micro DLP Network Monitor
Discover, monitor, block and encrypt private data with real-time view of endpoint status	✓	Supports monitoring only
High-performance, low-impact filtering based on keywords, meta data and regular expressions	✓	✓
Granular policy enforcement by Active Directory 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	✓	✓
Low administration and TCO with new UI, alerts, 10xs faster deployment, compliance templates, encryption, and more	✓	✓
Intellectual property protection using DataDNA™ technology with 90% smaller fingerprint for higher performance, scalability and accuracy	✓	Supports monitoring only

#### SOFTWARE & NETWORK APPLIANCE

##### Data Loss Prevention

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

##### Threat Protection

- Mobile Workers
- Internal Authorised Users
- Accidental data loss
- Malicious data loss
- External Threats
- Data-stealing malware
- Hackers
- Partners/Suppliers

#### KEY BENEFITS

- **Protect Privacy:** Identify, monitor and prevent confidential data loss—on or off the network
- **Secure Intellectual Property:** Identify, monitor, and protect critical company assets—on or off the network
- **Comply with Regulations:** Implement controls for protection, visibility, and enforcement
- **Educate Users:** Customise interactive dialogs to notify employees of risky behaviour and require user-justification where appropriate
- **Discover Data:** Find sensitive data on laptops, desktops, and servers
- **Detect data-stealing malware:** Identify botnets, hidden FTP processes, keyloggers, spyware, and Trojans that attempt to collect and send data

## KEY FEATURES

### Lower Cost and Complexity

- Provides faster time to protection with new push-button compliance templates
- Saves time with workflow-navigation engine, Active Directory integration, and user/group policies
- Streamlines IT with delegated administration plus end user device and access control
- Offers pricing options and flexibility with two modules 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 features

### Data-Stealing Malware Detection Powered by Smart Protection Network

- Identifies keyloggers, spyware, Trojans, and botnets that try to steal data

### 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 unauthorised data transfers

### Advanced Intellectual Property Protection

- Protects unstructured data using DataDNA™ fingerprinting—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 behaviour with options to justify or block
- Uses dialog boxes to educate employees on appropriate handling of confidential information
- Does not impact business processes

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

### File Types Supported

- Recognises 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.

### Data In Motion Control Points

- 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

### Data in Use Control Points

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

“ Trend Micro Data Loss Prevention has allowed us to gain a baseline, and fully understand what our users are doing with patient data. We are getting lots of very useful and actionable information that will allow us to refine our security policies and enhance our compliance posture. ”

### Yvan Fournier

Chief Security Officer, Centre Hospitalier Universitaire de Québec and Centre de Recherche de l'Université LAVAL



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## MINIMUM SYSTEM REQUIREMENTS

### Supported Microsoft Platforms for Trend Micro DLP Endpoint

- Windows 2008, 2003, Vista, 7 (32-bit) and XP

### Trend Micro DLP Endpoint

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

### Trend Micro DLP Network Monitor Software Appliance

- CPU: 2 x Intel® Quad Core X5550 Xeon® CPU, 2.66GHz, 8M Cache, 6.40 GT/s QPI, Turbo
- Memory: 8GB Memory (4x2GB), 1066MHz, Dual Ranked RDIMMs for 1 Processor
- Hard Disk: 300GB 15K RPM SAS 3.5" Hot Plug Hard Drive
- NIC: Intel PRO 100OPT 1GbE Dual Port NIC, PCIe-4
- Certified to run on Dell R710

### Trend Micro DLP Management Server Hardware Appliance

- Purpose-built 1U rack-mountable appliance
- Security hardened
- CPU: Quad Core Xeon E5506 2.13GHz, PE R610
- Memory: 6GB 1333MHz (6X1GB)
- Storage: 250GB 7.2K RPM Serial ATA 3Gbps 2.5-in HotPlug Hard Drive
- NIC: Quad Embedded Broadcom NetXtreme II 5709 Gigabit Ethernet NIC

### Trend Micro DLP Management Server Software/Virtual Appliance

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