ENDPOINT PROTECTOR | by CoSoSys

DATASHEET 5.0.0.0

Data Loss Prevention & Mobile Device Management

Suitable for any network size and any industry

DLP for Windows, Mac and Linux

Protecting the entire network

iOS

ENDPOINT PROTECTOR

by CoSoSys

Out-of-the-Box Solution to secure sensitive data from threats posed by portable storage device, cloud services and mobile devices

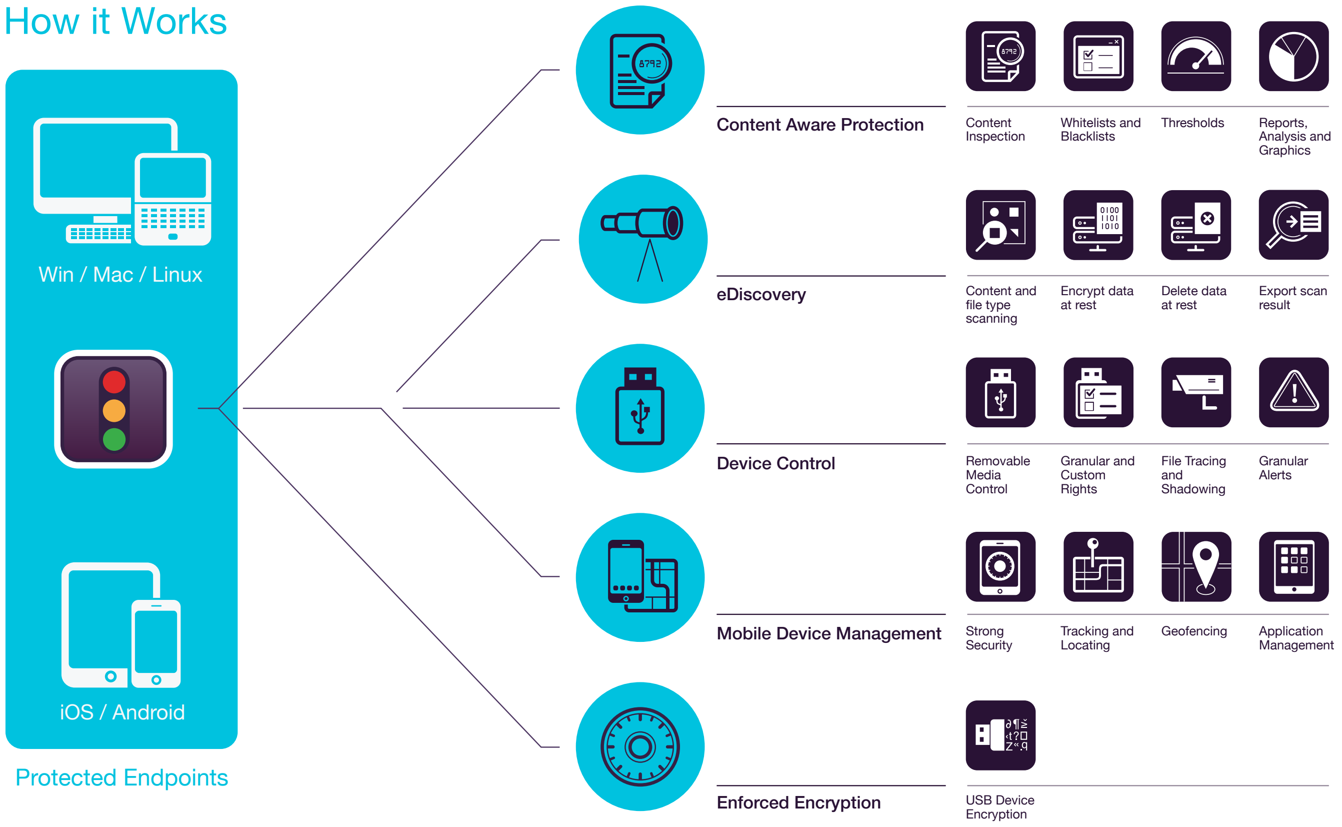
In a world where portable, lifestyle devices, and the cloud are transforming the way we work and live, Endpoint Protector is designed to protect confidential data against insider threats, while maintaining productivity and making work more convenient, secure and enjoyable.

The blacklist and whitelist-based approach grants flexibility in policy building. Organizations have the option to prohibit the use of specific removable devices and data transfers to file cloud sharing applications and other online services, to scan for certain PIIs, but to allow transfers to specific URLs and domain names for certain computers/users/groups, avoiding task interruption.

With Endpoint Protector being offered as hardware or virtual appliance, it can be setup in minutes. Moreover, the responsive management interface allows managing policies and checking reports from any device, from desktop to tablet.

Endpoint Protector dramatically reduces the risks posed by internal threats that could lead to data being leaked, stolen, or otherwise compromised. In addition to these, compliance with various rules and regulations is also met.

How it Works



Win / Mac / Linux

iOS / Android

Protected Endpoints

Content Aware Protection: Content Inspection; Whitelists and Blacklists; Thresholds; Reports, Analysis and Graphics

eDiscovery: Content and file type scanning; Encrypt data at rest; Delete data at rest; Export scan result

Device Control: Removable Media Control; Granular and Custom Rights; File Tracing and Shadowing; Granular Alerts

Mobile Device Management: Strong Security; Tracking and Locating; Geofencing; Application Management

Enforced Encryption: USB Device Encryption

Content Aware Protection
for Windows, macOS and Linux

Monitor and Control data in motion, deciding what confidential files can or cannot leave the company via various exit points. Filters can be set per File Type, Application, Predefined and Custom Content, Regex and more.

eDiscovery
for Windows, macOS and Linux

Scan data at rest on network's endpoints and apply remediation actions such as encrypt or delete in case confidential data is identified on unauthorized computers.

Device Control
for Windows, macOS and Linux

Monitor and Control USB and peripheral ports. Set Rights per Device, User, Computer, Group or Globally.

Mobile Device Management
for Android, iOS and macOS

Manage, Control and Adjust the security level on smartphones and tablets. Push security settings, network settings, applications, etc.

Enforced Encryption
for Windows and macOS

Automatically secure data copied on USB storage devices with an AES 256bit encryption. Cross-platform, password-based, easy to use and very efficient.

Content Aware Protection

for Windows, macOS and Linux

Email Clients: Outlook / Thunderbird / Lotus Notes • Web Browsers: Internet Explorer / Firefox / Chrome / Safari • Instant Messaging: Skype / Microsoft Communicator / Yahoo Messenger • Cloud Services & File Sharing: Dropbox / iCloud / SkyDrive / BitTorrent / Kazaa • Other Applications: iTunes / Samsung Kies / Windows DVD Maker / Total Commander / Team Viewer • OTHERS

Predefined Content Filters

Filters can be created based on predefined content such as Credit Card Numbers, Social Security Numbers and many more.

Custom Content Filters

Filters can also be created based on custom content such as keywords and expressions. Various Blacklist Dictionaries can be created.

Regular Expressions Filters

Advanced custom filters can be created to find a certain recurrence in data transferred across the protected network.

File Type Filters

File Type Filters can be used to block specific documents based on their extension, even if these are manually modified by users.

File Whitelisting

While all other attempted file transfers are blocked, whitelists can be created to avoid redundancy and increase productivity.

Domain & URL Whitelisting

Enforce company policy but allow employees the flexibility they need to do their work. Whitelist company portals or email addresses.

Disable Print Screen

Revoke screen capture capabilities and make sure no valuable data displayed on the screen is leaked out of the protected network.

Clipboard Monitoring

Eliminate data leaks of sensitive content through Copy & Paste / Cut & Paste, further enhancing the data security policy.

Reports and Analysis

Monitor activity related to file transfers with a powerful reporting and analysis tool. Logs and reports can also be exported to SIEM solutions.

Dashboard and Graphics

For a quick visual overview on the most important events and statistics, graphics and charts are available.

Active Directory

Take advantage of AD or similar tools, making larger deployment simpler. Import and sync all groups and entities.

Global and Regular Threshold for Filters

Define up to which number of violations a file transfer is allowed. It applies to each type of content or to the sum of all violations.

File Tracing

Record all file transfers or attempts to various online applications and cloud services, providing a clear view on users' actions.

File Shadowing

Save a copy of files that were transferred to controlled devices or through emails, cloud storage or other applications.

Offline Temporary Password

Temporarily allow file transfers to computers disconnected from the network. Ensure security and productivity.

Create E-mail Alerts

Predefined and Custom e-mail alerts can be set up to provide information on the most important events related to confidential file transfers.

DLP for Printers

Policies for local and network printers to block printing of confidential documents and prevent data loss and data theft.

HIPAA Content Aware Policies

Allows for an in depth scanning of documents before the transfer is made for PHI info, FDA approved drugs, ICD-9 codes, etc.

DLP for Thin Clients

Protect data on Terminal Servers and prevent data loss in Thin Client environments just like in any other type of network.

Additional Features

Many other features are also available.
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eDiscovery

for Windows, macOS and Linux

File type: Graphic Files / Office Files / Archive Files / Programming Files / Media Files, etc. • Predefined content: Credit Cards / Personally Identifiable Information / Address / SSN / ID / Passport / Phone Number / Tax ID / Health Insurance Number / etc. • Custom Content / File Name / Regular Expression / HIPAA

Content and File Fype Scanning

Create custom eDiscovery policies defining what content is sensitive for your organization depending on file type, predefined content, custom content, file name, Regex or HIPAA protected content. Start scanning for sensitive data according to selected content.

Encrypt Data at Rest

Once confidential data is found, the option to encrypt it with AES 256 strong encryption solution is available in order to prevent unauthorized employees' access and to stop the possibility of leaking data.

Delete Data at Rest

Secure data and ensure compliance with industry regulations by deleting sensitive information immediately it is identified if it violates the company policy.

Export scan results

Scan results are available for export in Excel, PDF or CSV files and can be used as reports for the management or as audit documents. The scan results provide the details about on what computers sensitive data was found, what sensitive data, the path, time of discovery, if it was encrypted, deleted or reported, and other valuable information.

File Type Blacklist

File Type Blacklist can be used to detect specific documents stored on network's endpoints: graphic files, Office files, archive files, programming files and many others.

Predefined Content Blacklist

Add on the Predefined Content Blacklist information such as Credit Card Numbers, Social Security Numbers, Personally Identifiable Information and other data and discover if where it is stored and if it violates the company policy. This blacklist can help ensure compliance with regulations like PCI DSS, HIPAA and others.

Custom Content Blacklist

Create a blacklist based on custom content such as keywords and expressions. Various Blacklist Dictionaries can be created through Copy/Paste, Type or Import.

File Name Blacklist

Search for specific files based on their name and track their location. Results are displayed in the eDiscovery scan results with the list of found files and actions like delete, encrypt or decrypt can be performed.

Regular Expressions Blacklist

Advanced custom blacklists can be created to find a certain recurrence in data stored across the protected network.

HIPAA Protected Data

Allows for an in depth scanning of endpoints for PHI info, FDA approved drugs, ICD-10 and ICD-9 codes, etc. Meet compliance with HIPAA detecting where confidential healthcare information resides and applying remediation actions if necessary.

Thresholds

Avoid redundant scanning using the Threshold options. You can specify when inspection must stop according to a specific number of violations or what files must be scanned according to a minimum file size.

MIME Type Whitelist

Exclude MIME types from scanning, adding them in whitelists to avoid redundancy and increase productivity. Efficiently manage eDiscovery policies.

Allowed File Whitelist

Upload files in whitelists as exceptions from the scanning policies you defined in eDiscovery. Regardless if the policy is based in file type, predefined content, custom content, etc., the whitelisted files will be excluded from scanning.

Additional Features

Many other features are also available.
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Device Control

for Windows, macOS and Linux

USB Drives / Printers / Bluetooth Devices / MP3 Players / External HDDs / Teensy Board / Digital Cameras / Webcams / Thunderbolt / PDAs / Network Share / FireWire / iPhones / iPads / iPods ZIP Drives / Serial Port / PCMCIA Storage Devices / Biometric Devices / OTHERS

Set Rights Globally

By default, device rights apply globally through the network. However, the module is extremely granular.

Set Rights per Group

Device rights can be granularly configured based on groups, allowing different access right for various departments.

Set Rights per Computer

Device rights can be configured per computer. Helpful when computers serve a unique role in the organization.

Set Rights per User

Based on their roles and tasks, each user can receive different device access rights according to the company policies.

Set Rights per Device

The granularity of the rights can be drilled down to the device level, based on Vendor ID, Product ID and Serial Number.

Custom Classes

Rights can be created based on classes of devices making management easier for products from the same vendor.

Trusted Device

For encrypted devices, different access rights can be configured based on the level of encryption (software, hardware, etc.).

File Tracing

Record all file transfers or attempts to various USB storage devices, providing a clear view on users' actions.

File Shadowing

Save a copy of files that were transferred to controlled devices that can later be used for audit purposes.

Offline Temporary Password

Temporarily allow device access to computers disconnected from the network. Ensure security and productivity.

Create E-mail Alerts

Predefined and Custom e-mail alerts can be set up to provide information on the most important events related to device use.

Dashboard and Graphics

For a quick visual overview on the most important events and statistics, graphics and charts are available.

Reports and Analysis

Monitor all activity related to device use with a powerful reporting and analysis tool. Logs and reports can also be exported.

Additional Features

Many other features are also available.
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Enforced Encryption

for Windows and macOS

USB Enforced Encryption

Authorize only encrypted USB devices and ensure all data copied on removable storage devices is automatically secured.

Strong Security Mechanisms

Government approved 256bit AES encryption, password protection and anti-tampering techniques to ensure application integrity.

Master Password

Creating a master password will provide continuity in various circumstances like resetting the user's password.

Additional Features

Encryption is also available for Cloud Storage, Local Folders, CDs & DVDs
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Mobile Device Management

for Android, iOS and macOS

Over-the-air Enrollment for iOS & Android

Devices can be remotely enrolled via SMS, E-mail, URL link or QR Code. Pick the most convenient way for your network.

Bulk Enrollment

For an efficient deployment process, up to 500 smartphones and tablets can be enrolled at the same time.

Remote Lock

Remotely enable instant locking of mobile device in case of any related incidents. Avoid data leaks due to lost or misplaced devices.

Track & Locate

Closely monitor company's mobile devices and know at all times where your company sensitive data is.

Disable built-in functionalities

Control the permission for built-in features such as the camera, avoiding data breaches and loss of sensitive data.

Play Sound to locate lost devices

Locate a misplaced mobile device by remotely activating a loud ringtone until it is found (only supported for Android).

Mobile Application Management

Manage apps accordingly to the organization's security policies. Instantly push free and paid apps to enrolled mobile devices.

Push Network Settings

Push network settings like E-mail, Wi-Fi and VPN settings or disable them, including Bluetooth, set ringer mode, etc.

Alerts

Extended Predefined System Alerts are available, as well as the option to set up Custom System Alerts.

Reports and Analysis

Monitor all users' activity related to device use with a powerful reporting and analysis tool. Logs and reports can also be exported.

Kiosk Mode with Samsung Knox

Lock or contain the mobile device into specific apps. Remotely enforce security on the mobile fleet and turn them into dedicated devices.

macOS Management

To extend the DLP features, Macs can also be enrolled into the MDM module, taking advantage of additional management options.

Password Enforcement

Proactive protection of company critical data stored on mobile devices by enforcing strong password policies.

Remote Wipe

For critical situations where the only way to avoid data leaks is wiping the device, this can easily be done remotely.

Geofencing

Define a virtual perimeter on a geographic area, gaining a better control of the MDM policies that apply only in a specific area.

iOS Restrictions

Make sure only business related use is possible. If not compliant to company policy, disable iCloud, Safari, App Store, etc.

Push vCards on Android

Add and push contacts for Android mobile devices, making sure your mobile workforce can quickly get in touch with the right people.

App Monitoring

Know what apps your employees are downloading on their mobile devices, keeping a discreet line between work and leisure.

Asset Management

Gain insight into the mobile device fleet about Device Names, Types, Models, Capacity, OS Versions, Carriers, IMEIs, MACs, etc.

Create E-mail Alerts

Email alerts can be set up to provide information on the most important events related to mobile devices use.

Dashboard and Graphics

For a quick visual overview on the most important events and statistics, graphics and charts are available.

Additional Features

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100% Deployment Flexibility

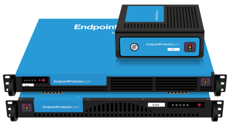
Suitable for any type of network, our products can be used by enterprise customers, small and medium business and even home users. With a client-server architecture, they are easy to deploy and centrally manage from the web-based interface. Besides the Hardware and Virtual Appliance, Amazon Web Services Instance and Cloud version, a Stand-alone version is also available for those looking for basic features.

Endpoint Protector

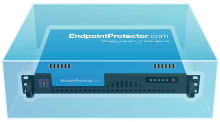
Content Aware Protection, eDiscovery, Device Control, and Encryption are available for computers running on different Windows, macOS and Linux versions and distributions. Mobile Device Management and Mobile Application Management are also available for iOS and Android mobile devices.

My **Endpoint Protector**

Content Aware Protection, Device Control and Encryption are available for computers running on Windows and Mac. Mobile Device Management and Mobile Application Management are available for iOS and Android mobile devices.



Hardware Appliance



Virtual Appliance

Amazon Instance

100%
Cloud Managed

Cloud Solution

Modules

	Protected Endpoints						
Windows	Windows XP / Windows Vista	(32/64 bit)	●	●	●	●	
	Windows 7 / 8 / 10	(32/64 bit)	●	●	●	●	
	Windows Server 2003 - 2016	(32/64 bit)	●	●	●	●	
macOS	macOS 10.6	Snow Leopard	●	●	●	●	
	macOS 10.7	Lion	●	●	●	●	
	macOS 10.8	Mountain Lion	●	●	●	●	
	macOS 10.9	Mavericks	●	●	●	●	
	macOS 10.10	Yosemite	●	●	●	●	
	macOS 10.11	El Capitan	●	●	●	●	
	macOS 10.12	Sierra	●	●	●	●	
Linux	Ubuntu		●	●	●	n/a	
	OpenSUSE		●	●	●	n/a	
	CentOS / RedHat		●	●	●	n/a	
iOS	iOS 4, iOS 5, iOS 6, iOS 7, iOS 8, iOS 9, iOS 10						●
Android	Jelly Bean (4.1+), KitKat (4.4+), Lollipop (5.0+), Marshmallow (6.0+), Nougat (7.0+)						●

*Please check for details regarding supported versions and distributions on endpointprotector.com/linux

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