Lumension® Endpoint Management and Security Suite

Disk Encryption Add-On

powered by Sophos

Datasheet

Surveys indicate that 86% of organizations have had a laptop lost or stolen, and 56% of these have resulted in a data breach.[1] And an astonishing 58% of these laptop losses happened at work.[2]

Prevent unauthorized access to laptops, netbooks and desktops with transparent and easy-to-use full disk encryption. If a PC encrypted with *Lumension®* Disk Encryption falls into the wrong hands, the data is unreadable even if the hard drive is removed.

Key Features

Strong, transparent encryption

- Extensive transparent encryption functionality
- Full hard disk encryption (NTFS, FAT, FAT32)
- Strong, internationally recognized encryption algorithms
- Secure, encrypted hibernation
- Encrypted data cannot be read even if hard drives are removed from PCs, except by security administrators
- High-speed encryption/decryption algorithms

Secure power-on authentication and authorization

- Pre-boot user authentication with Windows credentials (user ID, password)
- Single sign-on to the operating system
- Pre-defined, enforced password rules
- Multi-user pre-boot environment with audit trails
- Hardened log-on process prevents password penetration attacks
- User-friendly graphical pre-boot login screen that is customizable
- Service accounts allow administrators to securely access PCs while end users retain ownership
- Automated administrative activities (e.g., patch management) enabled by secure Wake-On-LAN

Secure recovery of passwords, data and forensics

- Challenge/response over the phone with the help desk for recovery of forgotten passwords
- Local self-help to recover forgotten passwords during pre-boot without calling the help desk or the need for an Internet connection

Key Benefits

- Unmatched data security with proven encryption algorithms, which maximizes security and performance
- Encrypted swap and hibernation files for complete security
- User-transparent background encryption, which ensures work without interruptions
- Higher end-user productivity with secure password recovery via phone or the local selfhelp option
- Convenience and speed for end users with single sign-on to the operating system from the pre-boot stage
- Customizable, user-friendly graphical pre-boot login screen
- Stronger security with biometric fingerprint authentication at pre-boot
- Integrated version leverages existing infrastructure for deployment, management, reporting, and key back-up

1. Ponemon Institute, The Billion Dollar Lost Laptop Problem, September 2010
2. IDC, Laptop Theft- The Internal and External Threats, September 2010

- External boot option with Windows PE (e.g., for recovering broken operating system configurations on encrypted disks)
- Ready for EnCase (Guidance Software), AccessData and Kroll Ontrack (access requires user or administrator cooperation)
- Support for Microsoft Business Desktop Deployment and Computrace
- Integration with Lenovo Rescue and Recovery for secure recovery of encrypted operating systems and data

Enforceable policy

Lumension® Disk Encryption comes with a Policy Editor that allows administrators to create initial security configuration policies. If the initial policies need to be updated after deployment, these policies can be modified and reapplied via any standard software management tool.

Easy, remote installation

- Installation packages can be distributed and installed centrally and unattended via standard MSI packages.
- Network rollout is easy—user involvement is not required.
- Offers fast initial encryption option, which encrypts only used areas of a partition. This speeds up initial encryption/decryption process.

L.E.M.S.S. Integration

In addition to the stand-alone version, *Lumension*® Disk Encryption can be delivered as an integrated add-on to the *Lumension*® Endpoint Management and Security Suite. This allows you to leverage the existing infrastructure for deployment, management, reporting, and key back-up.

System Requirements

Operating Systems:

- Microsoft Windows 7 (32 and 64 bit)
- Microsoft Windows Vista (32 and 64 bit; Service Pack 1, Service Pack 2)
- Microsoft Windows XP (32 bit; Service Pack 2, Service Pack 3)

Certifications

- Common Criteria EAL 3+
- Uses FIPS 140-2 validated cryptography

Standards and protocols

- Symmetrical encryption:
- AES 128/256 bit
- Asymmetrical encryption: RSA
- Hash functions: SHA-256, SHA-512
- Password hashing: PKCS #5, PKCS #12

For more information, visit www.lumension.com

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