

# TRICRYPTION® dS

Transparent centrally managed endpoint encryption for laptops and desktops.

## Data Sheet : Endpoint Encryption

ERUCES Tricryption® dS is desktop and laptop software designed to encrypt sensitive user and application data using keys from Tricryption kS.

Tricryption dS performs transparent encryption and decryption of user data and communicates with Tricryption kS to authenticate, authorize and fulfill encryption key requests.

All encryption keys are created and managed by Tricryption kS. Encryption keys are transmitted securely, on demand to Tricryption dS. No encryption keys are stored with the data.

### Benefits

#### Easy, Flexible and Secure

- **Transparent Encryption/Decryption** – No end-user training required. Users' workflow is not interrupted; automatic encryption reduces risk of human error.
- **Selective Encryption** – For files, applications and file containers, no need to encrypt operating system files.
- **Optional Whole Volume Encryption** – Prevent unauthorized data theft by optionally enforcing encryption of entire volumes.
- **Key Checkout** – Temporarily cache encryption keys for mobile users.
- **Key and Data Separation** - If a protected device is lost or stolen no data is compromised.

### Rapid Deployment

- Silent installation packages.
- Central policy distribution.
- Compatible with all major systems management software including Microsoft® System Center Configuration Manager.
- Broad authentication support with single sign-on capabilities.

### Secure and Compliant

- **Swap File Encryption** – no trace of clear text left on disk partitions.
- **Policy Enforcement** – full-featured policy enforcement. Set and enforce access control rights, machine access and selective encryption.
- **Log Coherency** – Events are sent to Tricryption kS and consolidated to meet audit compliance.

### Hardware Requirements

#### Minimum (x86)

Processor	1 (GHz)
RAM	1 GB
Hard Disk Space	512 MB

#### Recommended (x64)

Processor	Dual-Core Pentium® 4, 2 GHz or greater
RAM	2 GB
Hard Disk Space	2 GB

### Operating System Support

Windows® XP Professional, Windows 7  
Linux Kernel 2.6 and Solaris® 9 and Solaris 10

### Software Requirements for Infrastructure

Tricryption kS  
Java™ 2 Runtime Environment, Version 1.6

*Visit our website*  
<http://www.eruces.com>

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