

# Datasheet

FUJITSU Storage

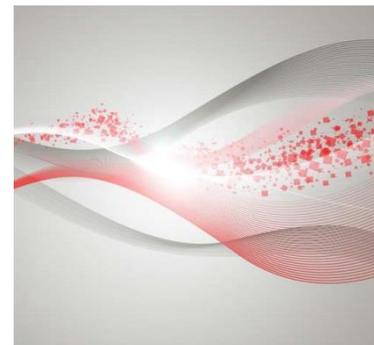
## FUJITSU ETERNUS SF KM V2

Encryption key life cycle management software

### Encryption Key Life Cycle Management

Together with Fujitsu's self-encrypting storage offerings, ETERNUS SF KM offers customers a proven solution that can address their concerns when a disk drive is removed from the storage system and transported in-house or off-site. Lost storage media brings with it enormous direct and indirect costs for those who lose sensitive information.

ETERNUS SF KM is a product that manages authentication keys more securely on a server connected to the ETERNUS Disk storage system with networks. It reduces management costs and minimizes the risk of information leakage by managing those authentication keys on an external server apart from the ETERNUS Disk storage system.



### Reduce costs by authentication key lifecycle management

The product has auto generation/rotation functions of authentication keys and backup function of those key information to achieve authentication key lifecycle management and reduce operations management costs. It also supports high availability by replication.

### Reduce risk of information leakage

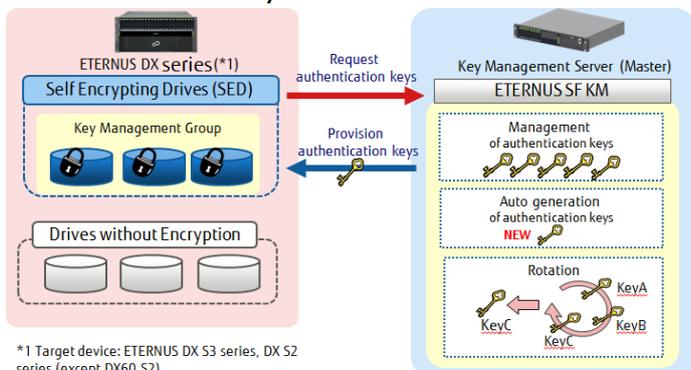
Authentication keys are provided for the key management group constructed with SEDs (Self Encrypting Drive) in an ETERNUS Disk storage system.

Authentication keys generated and stored by a key management server are provided.

Secure uniform management can achieve authentication key management and reduce risk of important data leakage.

In addition, secure communication is carried out between the key management server and an ETERNUS Disk storage system using mutual certificate authentication to prevent any illegal access from outside.

### Encryption Key Life Cycle Management by ETERNUS SF KM



\*1 Target device: ETERNUS DX S3 series, DX S2 series (except DX60 S2)

Key management server can be duplicated by a replication feature.

### Global security

ETERNUS SF KM enhance data security and help facilitate compliance management of regulations and standards such as the Payment Card Industry Data Security Standard (PCI DSS), Sarbanes-Oxley and the Health Insurance Portability and Accountability Act (HIPAA).

The standard communication specification for key management (KMIP \*1) is supported.

\*1: Key Management Interoperability Protocol



# Technical details

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## Support Devices

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### General specifications

<b>Supported Devices</b>	<b>Disk Storage Systems</b>	ETERNUS DX100 S3/DX200 S3/DX500 S3/DX600 S3 ETERNUS DX80 S2/DX90 S2 ETERNUS DX410 S2/DX440 S2 ETERNUS DX8100 S2/DX8700 S2 (*Note 1)
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\*Note 1: GlobalServer is not supported.

## Installing Platform

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### Installing specifications

#### Management Server Platforms

<b>Windows</b>	Microsoft Windows Server 2012 Microsoft Windows Server 2008 R2
<b>Linux</b>	Red Hat Enterprise Linux 6 Red Hat Enterprise Linux 5

#### GUI

<b>Web Browser</b>	Microsoft Internet Explorer 9, 10 Firefox ESR 17
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# More information

## Fujitsu platform solutions

In addition to Fujitsu ETERNUS SF Management Software, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

### Computing products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)  
- PRIMERGY: Industrial standard server  
- SPARC Enterprise: UNIX server  
- PRIMEQUEST: Mission-critical IA server  
- ETERNUS: Storage system

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)  
- Interstage: Application infrastructure software  
- Systemwalker: System management software

## More information

To learn more about Fujitsu ETERNUS SF, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.  
[www.fujitsu.com/eternus/](http://www.fujitsu.com/eternus/)

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:  
[www.fujitsu.com/global/about/environment/](http://www.fujitsu.com/global/about/environment/)



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