

# Data Sheet

## Fujitsu ETERNUS CS800

### Advanced Deployment Service

Adding value to your dedup appliance

#### ETERNUS CS800

ETERNUS® CS800 is a turnkey data protection appliance and provides a simple and affordable solution for customers which follow a disk backup strategy with deduplication. The advanced deduplication technology reduces typical capacity requirements for disk to disk backup by up to 90% to reduce costs.

ETERNUS CS800 provides maximum disk performance and highest scalability. Backup data replication between sites uses global deduplication and reduces typical network bandwidth needs by factor 20 or more. ETERNUS CS800 is also supporting the Symantec® OpenStorage™ for replication and Direct Tape Creation.

#### Introduction

Two of the unique features of the “ETERNUS CS800” are its versatility and flexibility concerning data duplication: You can either use its native replication functionality to move deduplicated data between systems, or you can replicate data in an application-controlled manner by using Symantec NetBackup® in combination with the Symantec OpenStorage (OST) API. Additionally, NetBackup™ and OST can be used to copy data directly to a tape library attached to your ETERNUS CS800 (path-to-tape). Both options will give you disaster recovery protection across sites, fault tolerance as well as local high-speed backup and restore combined with a high degree of flexibility and granularity.



#### Your Requirements

You are looking for support to implement your ETERNUS CS800 appliance's advanced replication/ deduplication functionalities or for an on-site transfer of CS800 knowledge.

You may choose from one of the following:

- CS800 Replication (native)
- Symantec NetBackup/ Backup Exec™ with Symantec OpenStorage (OST)
- Path-To-Tape for Symantec OpenStorage (OST)
- On-Site workshop with an FTS expert

#### Your Benefits

Our Fujitsu ETERNUS specialist will implement the ETERNUS CS800 advanced features for you. You will benefit from:

- A customized configuration, carried out according to a predefined setup plan
- Deployment, on-site support and detailed answers to customer questions
- Seamless integration into your existing backup / storage environment
- Configuration hints for you NetBackup/ BackupExec software environment
- An enterprise-grade solution that is part of Fujitsu ETERNUS storage product family
- Transfer of storage and integration know-how from an qualified ETERNUS CS Fujitsu expert to your IT staff
- Reduced deployment time and costs

### Service Description

The "ETERNUS CS800 Advanced Deployment Service" contains the following elements, separately or combined:

#### "Replication Implementation"

Setting up Data Replication between physically separated CS800 appliances

- Setting up a replication plan (choosing replication type, replication method, replication schedules, additional replication scripts if needed) according to customer requirements
- Verification of CS800 QuickStart Implementation
- Customization of CS800 network configuration for optimized replication support (optional)
- Configuration of the target and source system(s)
- Enabling and running data replication
- Recovering replicated data on the target system (optional)
- Implementing manual replication/ post backup scripts (optional)
- Documentation of the implemented solution

#### "OST Integration"

Your ETERNUS CS800 appliance will be configured to be a fully-functional Symantec OpenStorage (OST) server including Logical Storage Units (LSUs)

- Verification of CS800 QuickStart Implementation
- CS800 Path-To-Tape (PTT) configuration (optional)
- Configuring the CS800 for OST (Storage Server and Logical Storage Units (LSUs))
- Installing the OST Plug-in (NetBackup/ BackupExec Backup Server)
- Configuring Symantec NetBackup/ BackupExec Backup Servers (incl. Media Server)
- Registering the Storage Server with NetBackup's Media Server and Discovering Logical Storage Units
- Configuring Disk Pools and Storage Units in NetBackup
- Initiating an OST Backup (optional)
- Initiating an OST Optimized Duplication (optional)
- Documentation of the implemented solution

#### One Day On-Site Workshop

- Joint definition of customer goals and requirements
- Hands-on CS800 workshop tailored to customer needs
- Testing of different implementation scenarios with customer (advanced replication testing, stress tests etc.)

### Service Results

As a result of this service, you will receive one or more of the following:

- A production-ready dedup-enabled data replication environment
- Seamless integration of your CS800 appliance(s) into your existing Symantec NetBackup/BackupExec Backup environment
- A highly focused, time- and cost-effective workshop of your IT staff for the ETERNUS CS800 appliance

### Service Conditions

For the successful implementation of this service, the necessary provisions are:

- A working CS800(result of the QuickStart service)
- Network bandwidth for replication services must meet requirements following the replication plan
- Physical Installation and FC Connectivity of Tape Library to CS800 appliance(s) and Backup Server should be completed before implementing Path-To-Tape (optional)
- Physical and logical FC Connectivity of CS800 FC ports to support OST Path-to-Tape (optional)
- A fully functional Symantec NetBackup/BackupExec environment with connectivity to the CS800 appliance(s) (needed for OST Integration)
- Correct CS800 model and licensing

### Optional Services

The following service elements can be ordered additionally:

- Backup strategy and design
- Configuration of backup software
- Formal CS800 Training
- Project management
- VTL (Virtual Tape Library) Implementation

### Terms and conditions

This Professional Service is provided under the conditions valid for a Fujitsu standard service.

### Ordering and delivery

This Professional Service is available from your local Fujitsu sales office. When ordering please quote:

ETERNUS CS800 Advanced Deployment Service	
Title	
Order code	FTSPS-CS-21009V

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## Fujitsu platform solutions

In addition to FUJITSU ETERNUS CS800, 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
- BS2000 mainframes

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

- Interstage:  
Application infrastructure software
- Systemwalker:  
System management

## More information

Learn more about FUJITSU ETERNUS CS800, please contact your FUJITSU sales representative or FUJITSU Business partner, or visit our website.

[www.fujitsu.com/fts/eternus\\_cs](http://www.fujitsu.com/fts/eternus_cs)

## Fujitsu green policy innovation

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