

# Data Sheet

## ETERNUS DX (Silver)

### Implementation Service

Professional Services for IT Hardware



#### INTRODUCTION

Fujitsu offers our ETERNUS DX (Silver) implementation package to install, design, and configure your newly purchased ETERNUS DX storage array, into your existing or newly created infrastructure environment.

The ETERNUS DX (Silver) implementation service delivers:

- A physical installation service to rack and connect your array to power and management network.
- A design workshop that determines the optimum layout and feature functionality to maximise the effectiveness of your new array.
- A configuration activity that ensures your new array is configured correctly and delivers all the featured functionality of the output from the design workshop.
- A test and acceptance process that assures you the functionality you need and expect is provided.
- A handover process that gives you the necessary details to ensure you can manage your storage array henceforth.

#### BENEFITS

Fujitsu Professional Service Consultants are fully trained and accredited in understanding and getting the best from Fujitsu ETERNUS Storage.

Extensive support capability back to design and manufacturing departments to ensure that should unanticipated problems arise an answer can be quickly found. Standard configuration rule model approach that produce reliable and tested design configurations.

Highly skilled and experienced staff are present during your most vulnerable time of change to ensure a successful result.

Worry free assured implementation process, reducing reliance on potentially product unfamiliar resources.

#### ETERNUS DX (Silver) Implementation packages

Fujitsu's ETERNUS DX (Silver) Implementation package comes in two variants;

- For ETERNUS DX100/200 Arrays
- For ETERNUS DX500/600 Arrays

# Service in detail

## Design Workshop Service:

- Recommend appropriate RAID levels according to the usage of the array.
- Calculate user capacity based on drive numbers and capacity.
- Determine RAID groups to be configured for various functions e.g. thin provisioning pool.
- Calculate required number of hot spares as per best practice.
- Discuss user access management; roles and permissions.
- Event Notification; e.g. Email, SNMP trap, syslog, remote support.
- Discuss improving host connectivity e.g. Host Affinity, iSCSI Security, Storage Cluster.

## Installation & Configuration Service:

- Install CE/DE enclosures into appropriate position within rack.
- Cable array with redundant paths - where applicable.
- Power on and run 24hr minimum disk test.
- Replace any failed disks if necessary.
- Configure as per design;
  - RAID Groups,
  - Hot Spares,
  - Volumes,
  - SNMP
- Configure Host Affinity.

## Test & Handover Service:

- Confirm storage presentation to servers.
- Test functionality of configured features.
- Controller failover testing.
- Demonstrate management access.
- Provide Design handover Document.

## Service Delivery

The packages are delivered Mon to Fri 09:00 to 17:00. The service can be delivered outside of these times but will be subject to additional charges that can be quoted on request.

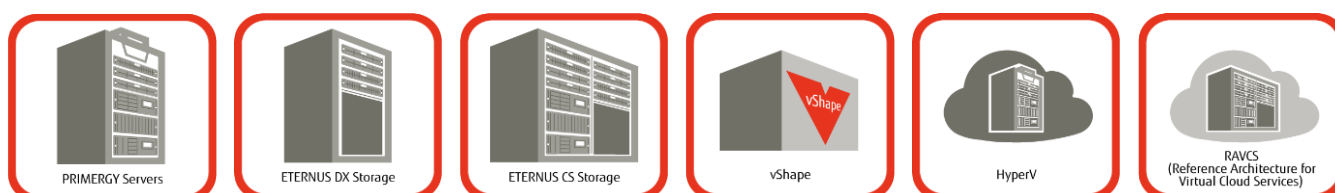
## Out of Scope

Any data migration services.  
Any VM migration services.  
Any configuration of any hosts to access the array.  
Any configuration of REC or OPC copy methods (see Gold Service).  
Implementation of SF Manager (see Gold service).

# How to Order

FSP:G-IN06000GBST3 ETERNUS DX100/200  
Implementation (Silver)

FSP:G-IN06000GBST4 ETERNUS DX500/600  
Implementation (Silver)



If you want to see how Fujitsu Professional Services could transform your organisation's IT,  
contact us at [ukprofservices@uk.fujitsu.com](mailto:ukprofservices@uk.fujitsu.com) or call 0843 3541815

## More information

### Fujitsu products, solutions & services

#### Products

[www.fujitsu.com/global/products/](http://www.fujitsu.com/global/products/)

In addition to the Fujitsu Support services, Fujitsu offers a full portfolio of other computing products.

#### Computing products

- Storage systems: ETERNUS®
- Server: PRIMERGY®, PRIMEQUEST®, Fujitsu SPARC® M10, BS2000®/OSD Mainframe
- Client Computing Devices: LIFEBOOK®, STYLISTIC®, ESPRIMO®, FUTRO®, CELSIUS®
- Peripherals: Fujitsu Displays, Accessories
- Software
- Network

Product Support Services with different service levels agreements are recommended to safeguard each product and ensure smooth IT operation.

#### Solutions

<http://www.fujitsu.com/global/solutions>

The Fujitsu solutions combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships. Fujitsu's Solutions include parts of one or more activity groups (e.g., planning, implementation, support, management, and training services) and are designed to solve a specific business need.

**Infrastructure Solutions** are customer offerings created by bringing Fujitsu's best products, services and technologies together with those from partners to deliver benefit to our customers' businesses.

**Industry Solutions** are tailored to meet the needs of specific verticals.

**Business and Technology Solutions** provide a variety of technologies developed to tackle specific business issues such as security and sustainability, across many verticals.

#### Services

[www.fujitsu.com/global/services/](http://www.fujitsu.com/global/services/)

Several customizable Fujitsu Service offerings ensure that IT makes a real difference and delivers true business value. We do this by leveraging our extensive experience in managing large, complex, transformational IT programs to help clients in planning, delivering and operating IT services in a challenging and changing business environment.

**Application Services** support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications. The services focus on delivering business and productivity improvements for organizations.

**Business Services** respond to the challenge of planning, delivering and operating IT in a complex and changing IT environment.

**Managed Infrastructure Services** enable customers to deliver the optimal IT environment to meet their needs; achieving high levels of IT service quality and performance for data centre and end user environments.

### Fujitsu green policy innovation

[www.fujitsu.com/global/about/environment/](http://www.fujitsu.com/global/about/environment/)

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global knowhow, we aim to resolve issues of environmental energy efficiency through IT.



### More Information

Learn more about Fujitsu, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website <http://www.fujitsu.com/fts/services/support/>

### Copyright

© 2017, Fujitsu Services Limited. Fujitsu and the Fujitsu logo are trademarks or registered trademarks of Fujitsu Limited in Japan and other countries.

ETERNUS®, PRIMERGY®, PRIMEQUEST®, BS2000®/OSD Mainframe, LIFEBOOK®, STYLISTIC®, ESPRIMO®, FUTRO®, CELSIUS® are registered trademarks of FUJITSU Limited or its affiliates in the US, Japan and/or other countries. SPARC® is a trademark of SPARC International Inc. in the US and in other countries and is used under license.

### Disclaimer

Technical data subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Published by:

Fujitsu Services Limited  
22 Baker Street, London,  
W1U 3BW