

Data Sheet

ETERNUS DX (Gold)

Implementation Service

Professional Services for IT Hardware



INTRODUCTION

Fujitsu offers our ETERNUS DX (Gold) 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 (Gold) 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 Fujitsu design and manufacturing departments to ensure that should unanticipated problems arise an answer can be quickly found.

A Standard configuration rule model approach that produces 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 (Gold) Implementation packages

Fujitsu's ETERNUS DX (Gold) 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. REC disk buffer, 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.
- Determine appropriate copy methods depending on array use. E.g. Remote Equivalent Copy (REC), One Point Copy (OPC).

Installation & Configuration Service:

- Install CE/DE enclosures into appropriate position within rack.
- Cable arrays 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.
- Install and configure SF manager. * see pre-requisites
- Configure defined backup method; local and/or remote copy. * see pre-requisites
- Configure correlation map to enhance topology view.
- Installation of ETERNUS Storage plug-ins.

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 requirements on customer hosts that access the array.

* Pre-Requisites

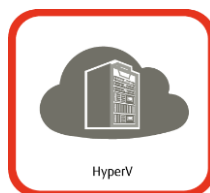
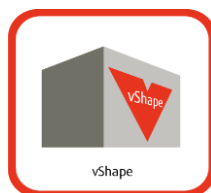
SF Manager: Customer must have SF Manager license already purchased, and a client host OS to load into.

Remote Copy: Customer requirement to ensure a second array is available and the RECC license has been purchased.

How to Order

FSP:G-IN06100GBST3 ETERNUS DX100/200 Implementation (Gold)

FSP:G-IN06100GBST4 ETERNUS DX500/600 Implementation (Gold)



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

More information

Fujitsu products, solutions & services

Products

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/

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/

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

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