

# Data Sheet

## Storage OPTIMIZATION Services

### Storage Assessment

Gaining valuable insight into optimizing your backup infrastructure

#### Introduction

OPTIMIZATION Services from Fujitsu offer efficient consultation packages for existing infrastructure environments at a fixed price. This has been made possible by systematically analyzing a large number of successfully implemented consultation projects. The solution methods used have been standardized and combined with the experience of the comprehensive product and solution skills provided by the Fujitsu group. The resulting first-class consultation and analysis packages quickly provide customers with specific information and suggested improvements for the infrastructure involved

#### Customer's requirements

Experience gathered from a number of consolidation projects have shown four elements that constantly recur:

- Many organizations are confronted with a constantly increasing amount of data. This directly affects the backup environment
- The primary objective is to store business critical data in an absolutely secure manner. Recovery and retention times are often defined in specific SLAs (Service Level Agreements)
- Planned backup investment decisions are commonly made without in-depth analysis of existing data and expected trends. Additional backup hardware often appears to be the easiest solution – especially based on the requirements described above
- Existing optimization opportunities are rarely used to full extent

#### Fujitsu's solution

This fixed-price service systematically identifies possible optimization opportunities in a storage environment and defines clear recommendations. Fujitsu experts examine the storage infrastructure and use automated processes to collect the required data, such as the data structures for the data to be backed up regarding age, size, types as well as the amount of files backed up that are identical. This database, which is gathered over a defined measurement period, together with the analyses is then turned into specific recommendations designed to optimize the backup scenario.

#### Customer's benefits

This Service provides a professional analysis of the existing backup environment and quickly delivers

- Comprehensive measurement data and specific optimization recommendations.
- Solid proof regarding the maturity level of your backup environment
- An excellent basis for future decision-making
- No risk for the customer – the service is provided at a fixed price

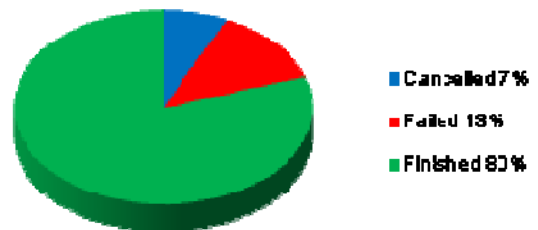


Figure 1: Daily success rate in backup processes

# Service Details

## Service description

### 1. Service Preparation Workshop

Our consultants meet with you to prepare the service, collect information about the target infrastructure, discuss specific goals and verify key contacts for the service delivery.

### 2. Installation of Tools

A dedicated collection system is placed in your IT environment and is configured and tested for the measured target systems.

### 3. Measurement of Target Systems

Over a maximum period of 30 days our experts gather data from the target systems.

### 4. Analysis of Data

The collected data is analyzed as follows:

- Data to be backed up according to age, size, type and duplicate file back-ups
- Backup and recovery software according to processes, media and libraries
- Backup times and the corresponding trends

### 5. Prepare Customer Report

The data analysis is summarized and documented (tables, graphs and trend diagrams). Optimization proposals for the backup environment are created.

### 6. Presentation of Report & Recommendations

Fujitsu consultants present the findings and recommendations of the assessment to you. You receive a comprehensive report detailing a summary of the possible optimization measures (improved utilization, savings potential, increased performance, better availability, regulation violations and weak points, data management and transfer).

## Service terms and conditions

The Customer agrees to the following conditions as pursuant to the delivery of the service defined:

- Provide an Ethernet connection for the collection system to the target storage infrastructure
- Provide required IP addresses, names and access information to the target systems
- Provide the infrastructure for the collection system (power, location, network connection and IP address etc.)

Fujitsu will not be held responsible for any data loss. The Customer is responsible for ensuring that all data on measured systems is backed-up prior to service commencement.

The Data Protection Assessment Service is provided on a fixed price basis for a maximum of 10 backup clients (data structure analysis) and a maximum of 5 backup servers (backup process and media analysis). The period required to collect the data and see initial trends is a maximum 30 days.

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The range of services contain up to 3 days on-site (service preparation workshop, integrate collection system and presentation of results).

Any other services, such as additional customer meetings or extending the analysis to other sectors (IP network) and applications (databases and messaging systems) as well as storage can be provided upon request.

Fujitsu will not be held responsible for any data loss. The Customer is responsible for ensuring that all data on measured systems is backed-up prior to service commencement

Unless expressly agreed otherwise the Fujitsu IT Services as set out in this datasheet will be performed based on the Fujitsu **“General Terms on Consulting and Technical Assistance”** or alternatively - where the main emphasis of the services is on the performance of works - based on the Fujitsu **“General Terms for IT Integration Services, IMAC/D Services and other works and services subject to acceptance”**.

## Ordering and delivery

This OPTIMIZATION Services is available from your local Fujitsu sales office. When ordering, please quote the information below:

TSM Volume	% Occupied	Free Space (GB)	Size (GB)	Error	Status
1 00000324	99.00	0.22	22.48	No	FULL
2 00000284	97.00	0.61	20.20	No	FULL
3 00000283	96.00	0.82	20.62	No	FULL
4 00000292	96.00	0.91	22.66	No	FULL
5 00000309	96.00	0.91	22.78	No	FULL
6 00000347	91.00	2.02	22.42	No	FULL
7 00000281	87.00	2.43	18.72	No	FULL
8 00000288	86.00	3.15	22.52	No	FULL
9 00000331	75.00	5.55	22.19	No	FULL
10 00000353	69.00	6.92	22.33	No	FULL

Figure 2: Overview of volumes per storage pool

Title **Storage OPTIMIZATION Services Data Protection Assessment**

Order code **CPS:IT-ICN-11006F**

# More information

## Fujitsu OPTIMIZATION Services

In addition to the Fujitsu Storage Data Protection Service, Fujitsu provides a range of OPTIMIZATION services, first-class efficient consultation and analysis packages which quickly provide customers with specific information and suggested improvements for existing infrastructure environments at a fixed price.

### 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/fts/products](http://www.fujitsu.com/fts/products)

- PRIMERGY: Industry Standard Server
- SPARC Enterprise: UNIX-Server
- BS2000/OSD Mainframes
- PRIMEQUEST: Mission Critical IA Server
- ETERNUS: Storage Solutions
- ESPRIMO, LIFEBOOK: Workplaces

### Software

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

- Operating Systems
- Middleware
- Applications
- Partner Software

### Services

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

- Managed Services
- Infrastructure as a Service
- Consulting & Integration Services
- Maintenance & Support Services

## More information

To learn more about the Fujitsu Data Protection Assessment Service and other related services please contact your Fujitsu sales representative, email us at [expert@ts.fujitsu.com](mailto:expert@ts.fujitsu.com), or visit our website at [www.fujitsu.com/de/consultingservices](http://www.fujitsu.com/de/consultingservices)

## 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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