

# Datasheet

## FUJITSU Software BS2000 SESAM/SQL-LINK V8.0

Linked-in database handler

### BS2000 Mainframes

Mainframes are outstandingly suited as central high-performance systems to precisely meet the demand in the server pool of modern data centers.

When it comes to handling large quantities of data, economically supporting numerous end users and at the same time ensuring permanent availability the BS2000 Mainframe technology is an important component in dynamic infrastructures.

BS2000 mainframes are more than just servers: they are a complete and autonomous IT infrastructure for your applications providing the rock-solid heartbeat for your data center.

### Optimized runtime for SESAM/SQL Server

SESAM/SQL-LINK is an optional product for the SESAM/SQL Server database system. It permits particularly efficient SESAM™ database processing, using the linked-in database handler (DBH).



# Topics

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## Functional Description

The database requests of a user program are executed by the database handler (DBH). SESAM/SQL is available as a service task central to all SESAM user programs executing in parallel (independent DBH). Under SESAM/SQL-LINK, however, user program and DBH are bound together (linked-in DBH). The program can contain either CALL-DML or SQL calls.

The program and the linked-in DBH run in a single task. Hence, no time is spent on inter-task communication when a database operation is requested. In addition, the database handler manages the requests of only one user program.

All the usual SESAM database operations are available to the user of SESAM/SQL-LINK. He can thus retrieve data from the database and make direct updates. While a SESAM/SQL-LINK user program is working with a database, no other program can access it for reasons of data integrity.

# Technical Details

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<b>Requirements</b>	
Technical Requirements Hardware	BS2000 Business Server (S Series)
Technical Requirements Software	BS2000 OSD-BC as of V8.0 oder OSD-XC as of V4.0 SESAM/SQL Server V8.0
Demands on the user	Knowledge of BS2000
<b>Installation and operation</b>	
Operating mode	Interactive (dialog), transaction and batch mode
Implementation language	Assembler, C
User interface	Commands in English, message texts in German/English
Installation	By the customer according to the release notice
<b>Documentation and training</b>	
Documentation	See documentation for SESAM/SQL Server
Training	See course offer at: <a href="https://training.ts.fujitsu.com/de/bs2000-osd.html">https://training.ts.fujitsu.com/de/bs2000-osd.html</a> (German)
<b>Purchasing</b>	
Conditions	This software product can be leased by the customer in accordance with the conditions for the use of software products..
Ordering and delivery	This software product may be obtained from your local Fujitsu Technology Solutions GmbH regional office.

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# More information

## Fujitsu products, solutions & services

### Products

<http://www.fujitsu.com/fts/products/>

In addition to BS2000, Fujitsu offers a full portfolio of other computing products:

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

### Solutions

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**Infrastructure Solutions** are customer offerings created by bringing Fujitsu's products, services and technologies together with those from partners.

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

**Application Services** support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications.

**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.

## More information

To learn more about BS2000, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. <http://www.fujitsu.com/fts/bs2000>

## Fujitsu green policy innovation

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