# Fujitsu Software BS2000 SESAM-DBAccess

Version 9.1A

June 2026

## Release Notes

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# 1 General

These release notes are a summary of major extensions, dependencies and operating information with respect to SESAM-DBAccess V9.1A under the BS2000 operating.

*5 The release level is that of June 2026.

*5 The current release refers to SESAM-DBAccess V9.1A80.

*4 The release level is that of November 2023.

*4 The current release refers to SESAM-DBAccess V9.1A71.

*4 Changes to release level June 2023 are marked with *4.

*3 Changes to release level November 2022 are marked with *3.

*2 Changes to release level June 2021 are marked with *2.

*1 Changes to the correction delivery V9.1A50 are marked with *1 in the margin.

*2 This and other release notes are online available at https://bs2manuals.ts.fujitsu.com/.
*2

If one or more previous versions are skipped when this product version is used, the information from the release notes for the previous versions must also be noted.

The database access service SESAM-DBAccess provides its users with access to SESAM/SQL databases under BS2000. It offers its services via the JDBC interface of SESAM-DBAccess clients under every OS, in which a JavaVM runs (e.g. Microsoft Windows, UNIX, BS2000, etc.) from Java applications of every kind (applications, servlets, JSP, applets, etc.). On the other side it enables the access via the ADO.NET interface for the SESAM-DBAccess clients under every OS supporting applications with the ADO.NET interface. From the viewpoint of the user, the SESAM-DBAccess Server has the task of mapping the DB requests issued by the client onto the real interfaces of the SESAM/SQL database system. The SESAM-DBAccess Server processes requests from multiple client users that are independent of each other and work on one or more computers.

## 1.1 Ordering

SESAM-DBAccess is a component part of the SESAM/SQL database system and can only be ordered together with this via your local sales office.

## 1.2 Delivery

The SESAM-DBAccess V9.1A files are supplied together with the SESAM/SQL database system via SOLIS. The delivery includes the following files:

| | File | Description |
|---|---|---|
| | SYSSII.SESDBA.091 | Structure and installation file for the Release Unit SESDBA |
| | SYSDAT.SESDBA.091.EBCASC | Table for converting EBCDIC to ASCII |
| | SYSDAT.SESDBA.091.INIT | Initialization file |
| *1 | SYSDOC.SESDBA.091.OSS | Library containing the readMe files for third party licences |
| *1 | (deleted) | |
| | SYSLIB.SESDBA.091.PROCLIB | Library of procedures and masks |
| | SYSMES.SESDBA.091 | Messages file |
| | SYSOML.SESDBA.091 | Module library |
| | SYSPRC.SESDBA.091.USER | Procedure for creating the user file |
| | SYSSSC.SESDBA.091.DBA | Declaration for subsystem SESDBA |

*1 The current versions of the driver of SESAM-DBAccess client can be found at:
https://support.ts.fujitsu.com/IndexQuickSearchResult.asp?lng=en&Q=sesam/sql

The "Tools and Drivers for Windows and Linux" CD for customers will no longer be delivered.

## 1.3 Documentation

The BS2000 documentation is available in German and English on DVD with the title BS2000 SoftBooks.

*2 The documentation is available on the internet at https://bs2manuals.ts.fujitsu.com/.
*2 There you will find both individual manuals and (under the tab “Softbooks”) the ISO image of a
*2 DVD with the entire inventory.

*1 (deleted)

*1 The ReadMe files for the SESAM-DBAccess Clients are also supplied on the CD for
*1 customers „Tools and Drivers for Windows and LINUX“, in the following directories:
*1

| Client | | Directory |
|---|---|---|
| jdbc | | DBAccess\client\jdbc |
| ADO.NET | | DBAccess\client\ADO.NET |
| PHP/PDO | V5.x | DBAccess\client\pdo\V5.x |
| | as of V7.4 | DBAccess\client\pdo\V7.4 |

# 2 Software extensions

The following sections describe the main new features compared to the previous version V9.0. There is an overview in the introductions contained in the new manual versions; there is a list of manuals and sections where the changes are described.

- Encryption between client and DBA server:
  SESAM-DBAccess as of V9.1 provides the possibility to encrypt the communication between DBA server and client (JDBC, ADO.NET und PDO).
  Hereby the SSL standard is used.

- Synchronisation DBA server with socketpairs:
  As of SESAM-DBAccess V9.1 the synchronisation of tasks of the DBA server with each other is done with socketpairs.
  This is only an internal measure to improve the resilience of the DBA server.

*3 ## 2.1 News in SESAM-DBAccess with SP 23.1

*3
*3 SP 23.1 contains the following improvements and corrections:
*3 - DBA server: Usage of SSL 1.1.1t

*4 ## 2.2 News in SESAM-DBAccess with SP 23.2

*4
*4 SP 23.2 contains the following improvements and corrections:
*4 - DBA server: Usage of SSL 3.0.10

*5 ## 2.3 News in SESAM-DBAccess with SP 26.1

*5
*5 SP 26.1 contains the following improvements and corrections:
*5 - Copyright changed to Fujitsu Germany GmbH
- DBA server: Usage of SSL 3.5.6

# 3 Technical information

## 3.1 Resource requirements

SESAM-DBAccess V9.1A can be used on all central processors with a virtual address space of at least 16 MB. Approximately 3000 PAM pages of storage space are required on the hard disk for the installation files.

## 3.2 Software configuration

SESAM-DBAccess V9.1A works with the following SW product versions:

If no version is explicitly specified for a product, the version is assumed which is supplied with the respective OSD package (of the respective operating system version) as a technically coupled or uncoupled release.

Required operating system version, depending on the HW architecture:

| | | |
|---|---|---|
| BS2000/OSD | as of V10.0 | for HW line /390 (S line) |
| OSD/XC | as of V10.0 | for HW line X96 (SQ line) |

Other software required for production operations:
(Versions according to the software configuration list BS2000/OSD V10.0)

| | |
|---|---|
| CRTE | as of V10.0 |
| SESAM/SQL | as of V9.1 |

When using the JDBC interface SESAM-DBAccess requires the following on the client side:

| | |
|---|---|
| JRE | ab V1.6 |
| (JDBC | ab V4.0) |

When using the ADO.NET interface SESAM-DBAccess requires the following on the client side:

| | |
|---|---|
| .NET | ab V3.5 |

When using PHP/PDO in the PHP client environment (LINUX):

| | |
|---|---|
| PHP | as of V5.3.8 |

## 3.3 Product installation

### 3.3.1 Installing the SESAM-DBAccess Server

Installation of the product SESAM-DBAccess with the IMON installation monitor is mandatory. You must follow the information concerning installation in the delivery cover letter and in the product documentation as well as the information in these release notes.

SESAM-DBAccess must be installed using the installation monitor IMON. When installing the product, the information in these Release Notes, the installation information in the delivery letter and in the product manual must all be taken into consideration.

If required, the subsystem SESDBA of SESAM-DBAccess V9.1 can be started at the end of the installation.

#### 3.3.2 Installing the SESAM-DBAccess Client

*1 All information needed for installing the client is described in the ReadMe file which is included
*1 on the supplied CD for customers „Tools and Drivers for Windows and LINUX“.

## 3.4 Product use

#### 3.4.1 Using the SESAM-DBAccess Server

The operation of the SESAM-DBAccess server is controlled by start parameters. These start parameters are stored in an initialization file with the name SYSDAT.SESDBA.091.INIT. They are described in the manual "SESAM-DBAccess V9.1A Server-Installation, Administration".

#### 3.4.2 Using the SESAM-DBAccess Client

All information needed for operating the client is described in the ReadMe file.

## 3.5 Obsolete functions and those to be discontinued

None

## 3.6 Incompatibilities

The client of SESAM-DBAccess V9.1A will only work with the server of SESAM-DBAccess V9.1A.

## 3.7 Restrictions

None

## 3.8 Procedure in the event of errors

DBAccess error messages are to be accompanied by an exact description of the error and the following documentation:

- DBAccess (BS2000) user log file (trace file)

- SYSOUT logs
- Trace log of the driver manager (client)

# 4 Hardware requirements

SESAM-DBAccess V9.1 runs on all business servers supported by BS2000 as of OSD/BC V10.0 or OSD/XC V10.0.

# 5 Firmware levels

This section is not relevant for SESAM-DBAccess.