

Fujitsu Software BS2000 Service Pack  
SP 23.1  
June 2023



## Release Notice

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# 1 General

This Release Notice is a summary of the major extensions, dependencies and operating information about BS2000 Service Pack 23.1.

The release level is that of June 2023.

This and other Release Notices and revised Manuals are available online at [https://bs2manuals.ts.fujitsu.com/index\\_en](https://bs2manuals.ts.fujitsu.com/index_en).

In the sections “Updated Products” and “Updated Release Notices” of the page Service Pack 23.1 all Release Notices that have been revised or created for SP 23.1 are listed.

If previous Service Packs are skipped when this Service Packs is used, the information from the Release Notices of these service packs and the corresponding product versions must also be noted.

## 1.1 Ordering

The Service Pack 23.1 can be requested informally from the SOLIS delivery center. The general contract terms and conditions concerning the use and support of software products are valid for these products and components.

## 1.2 Delivery

The files for BS2000 Service Pack 23.1 are supplied with SOLIS.

The delivery components are listed in the SOLIS delivery letter. The SOLIS delivery letter lists the individual files in conjunction with the current file and data medium characteristics. Please also note the hints on delivery in the relevant Release Notices.

The individual scope of delivery depends, among other things, on the respective customer configuration and the last delivery date.

Service Pack 23.1 contains significant functional expansions for the following delivery units or products for BS2000 OS DX V1.0 configurations:

BS2ZIP (BS2000 V21.0A)	V21.0A20
INETSERV	V3.4B10
SM2-WEB (openSM2 V21.0A, V11.0B)	V21.0.4
SDF-P-BASYS (SDF V21.0A, V4.8B)	V2.5I11

The extended functions of INETSERV, SM2-WEB and SDF-P-BASYS are also effective in OSD/XC V11.0B configurations when the corresponding product versions are used.

In addition to the functional enhancements, Service Pack 23.1 also contains several important corrections.

The complete list of the delivery units delivered to you can be found in the SOLIS delivery letter.

The current Release 2.16.0 of BS2IDE is not delivered as part of SP 23.1; it will be available for download from <http://bs2000.ts.fujitsu.com/bs2ide> via the personal access data as soon as service pack 22.2 is released, irrespective of delivery procedure SOLIS.

### **1.3 Documentation**

The documentation is available on the [BS2000 Manual Server](#). On the tab "Service Packs" you will find an overview of the products changed within the scope of the Service Pack 23.1 and the corresponding documentation and this Release Notice.

The ISO image of a DVD with the entire inventory of BS2000 documentation is available for download under the tab "Softbooks" of the BS2000 manual server.

## 2 Software extensions

### 2.1 Overview of functional enhancements

The main enhancements in BS2000 and openSEAS software compared to the previous Service Pack 22.2 are described in the Inform [Service Pack 23.1 – Innovations for BS2000 Software](#).

Details of the functional enhancements can be found in the relevant manual or release notices.

### 2.2 Realized Change Requests

Product	Topic	PULS-No.
BS2ZIP V21.0A20	Relative path information in TO-FILE of the ADD-FILE statement	A0616124
SDF-P-BASYS V2.5I11	Extension of the command /READ-VARIABLE	A0614156

## 3 Technical information

### 3.1 Resource requirements

The resource requirements for SP 23.1 have changed for the following products:  
(for details, please refer to the relevant release notice)

- APACHE V2.4A04
- CRTE-BAS V11.1A
- CRTE V11.1A
- CRTE V21.0A

### 3.2 Software configuration

The currently supported software configuration for BS2000 OS DX V1.0 and OSD/XC V11.0 for Service Pack 23.1 is available online:

Inform: [Software Konfiguration BS2000 OS DX V1.0 and OSD/XC V11.0](#)

The software products are released for BS2000 OS DX V1.0 or OSD/XC V11.0B in the described combinations of Service Pack 23.1.

Released software configurations require product versions that have not yet reached end of maintenance.

### 3.3 Product installation

The installation of the delivery units or delivery groups contained in the service pack must be performed using the installation monitor IMON. The prerequisite for the installation is IMON V3.3B for OSD/XC V11.0B and for BS2000 OS DX V1.0.

The installation information in the delivery letter, manual, or release notice for the respective product must also be considered.

Prior to calling IMON, the activities mentioned in the delivery letter as prerequisite for installation must be carried out.

There are no new or changed installation instructions for SP 23.1.

### 3.4 Product use

The following hints for using the updated products are new to Service Pack 23.1:  
/

### 3.5 Discontinued functions (and those to be discontinued)

The following functions have already been discontinued as of SP22.2:

#### OS DX V1.0A

Terminated functions for future OS DX V1.0B:

- Changing default values for system parameters
  - New default value of system parameter SSMCOPT: Y (current: N)
  - New default value of system parameter TEMPFILE: # (current: NO)
- The default user ID (DEFLUID) is permanently set to TSOS. If DEFLUID <> \$TSOS is set in the BS2000 parameter file as of BS2000 V21.0B, the parameter is automatically changed to TSOS during the system run. A corresponding message is displayed on the console for information.
- The system parameter TEMPFILE is permanently set to the value "#". If the value NO or @ is set for the parameter TEMPFILE in the BS2000 parameter files as of BS2000 V21.0B, the pa-

parameter is automatically changed to “#” during the system run. A corresponding message is displayed on the console for information.

- PVSREN V21.0A
  - Command CREATE-PUBSET-FROM-MIRROR

Note:

As of SP 23.1 under BS2000 OSD/BC V11.0B or BS2000 V21.0A, the system parameters DEFLUID and TEMPFILE are checked in the running system. If DEFLUID <> TSOS or TEMPFILE <> “#” are used for the system parameters, an answerable message is output at the console, informing the system administrator that the setting is no longer supported as of BS2000 V21.0B. However, the behavior regarding the current setting is not changed in these operating system versions.

### 3.6 Incompatibilities

The following hints to incompatibilities on the updated products are new to SP 23.1:

**CPP V4.0B02 / CPP-RS V4.0B02**

The abbreviation //MO-LI or //MODIFY-LI is no longer unique. In addition to //MODIFY-LISTING-PROPERTIES, there is now also //MODIFY-LIBRARY-VERSION.

**SDF-A V4.1I**

In case of use of long-integer generated by SDF-A 4.1I, such syntax file cannot be opened by earlier versions of SDF-A prior to V4.1H.

The syntax files in the old SDF-A V1.0D format supported via job switch 15 are no longer supported with SDF-A V4.1I.

**SDF-A V21.0B**

Syntax files updated or created by SDF-A V21.0B cannot be updated by an earlier SDF-A version prior to V4.1.

The syntax files in the old SDF-A V1.0D format supported via job switch 15 are no longer supported with SDF-A V21.0B.

### 3.7 Restrictions

The following restrictions when using the updated products are new to SP 23.1:

**SNMP-AGENTS V1.1B41**

spoolAgent cannot automatically started by the POSIX subsystem. Furthermore, SDF-P needs to be installed for the agent to run as expected.

consoleAgent should be started by the \$TSOS user id, otherwise the agent will have limited functionality if the configuration files are stored in the BS2000 file system.

openUTMAgent should be started by the \$TSOS user id, otherwise the agent will not be able to monitor UTM applications.

### 3.8 Procedure in the event of errors

The error documents required for diagnostic purposes in the event of an error are described in detail in the release notice of the affected product.

## 4 Hardware support

The Service Pack 23.1 can be used on all Fujitsu servers BS2000 of the SE series for BS2000 OS DX V1.0 and OSD/XC V11.0B configurations.  
BS2000 OS DX V1.0 configurations require SE-SW from V6.4 SP2

Note:

Released configurations always require hardware for which the end of maintenance declared by the manufacturer has not yet been reached.

### 4.1 Differences to supported hardware in SP 22.2

#### **OS DX V1.0A / OSD/XC V11.0B**

The following versions of HCP (Hardware-Control-Program) must be installed at least:

- E92L01G-01Z+067 for SU /390 of SE Server SE730

#### 4.1.1 Additional supported Hardware in OS DX V1.0 and OSD/XC V11.0B configurations

Server:

- SE330, SE730

#### 4.1.2 Changed operation due to hardware

Disk storage systems

- ETERNUS DX DX500 S3 / DX600 S3

Archiving systems

- ETERNUS CS8000 V8.1