

FUJITSU Software BS2000 SPACEOPT

Version 8.0A  
July 2017

Release Notice

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# 1 General

The product SPACEOPT gives the system administrator an efficient means of optimizing disk space on single volumes or all volumes of a pubset. The main advantage of SPACEOPT is that disk storage can be reorganized during operation and without the need for additional intermediate storage. The aim of SPACEOPT is to create the largest possible contiguous areas of free storage within a volume, so that fewer extents are required to store large files. Regular use of SPACEOPT can prevent a situation occurring where the level of fragmentation on the disks is so high that no more contiguous space can be found for large files, and these files can no longer be created. SPACEOPT significantly improves the utilization of disk volumes (pubset disks).

This Release Notice is a summary of the major dependencies and operating information with respect to SPACEOPT V8.0A under the BS2000<sup>1</sup> operating system.

The release level is that of July 2017.

This Release Notices is shipped on the SoftBooks DVD and is available online at <http://manuals.ts.fujitsu.com/>.

If one or more previous versions are skipped when this product version is used, the information from the Release Notices (and README files) of the previous versions must also be noted.

## 1.1 Ordering

SPACEOPT 8.0A can be ordered from your local distributors.

It is subject to the general terms and conditions of the software product use and service agreement.

## 1.2 Delivery

The SPACEOPT V8.0A files are supplied via SOLIS.

The following delivery components are required regardless of the HSI:

Delivery components	Description
SYSMES.SPACEOPT.080	Message file
SYSRMS.SPACEOPT.080	Object corrections in RMS format
SYSSDF.SPACEOPT.080	Syntax file
SYSSSC.SPACEOPT.080	Subsystem declaration
SYSSII.SPACEOPT.080	IMON structure and installation information file
SYSFGM.SPACEOPT.080.D	Release Notice (German)
SYSFGM.SPACEOPT.080.E	Release Notice (English)

<sup>1</sup> BS2000 is a registered trademark of Fujitsu Technology Solutions

The following delivery component is only required on /390 servers:

Delivery component	Description
<code>SYSLNK.SPACEOPT.080</code>	Module library (/390 HSI)

The following delivery component is only required on x86 servers:

Delivery component	Description
<code>SKMLNK.SPACEOPT.080</code>	Module library (x86 HSI)

### 1.3 Documentation

Since there is no new manual for SPACEOPT V8.0A, the manual for SPACEOPT V7.0A has to be used.

For the installation, the manuals of the BS2000 version 11.0A may be helpful, as well as that of the installation monitor IMON.

Besides, the documentation for the BS2000 basic configuration is required for SPACEOPT operation.

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

It is also available online at <http://manuals.ts.fujitsu.com>

Manuals which are displayed with an order number can also be ordered in printed form.

The handbooks may be supplemented with README files. These contain changes and extensions to the handbooks of the product concerned.

README files are available on the SoftBooks-DVD or online at <http://manuals.ts.fujitsu.com>.

## 2 Software extensions

None.

## **3 Technical information**

### **3.1 Resource requirements**

Approximately 10 kB class 4 memory is required for buffers, and approximately 50 kB class 5 memory per thousand extents is required for each optimization task.

### **3.2 Software configuration**

SPACEOPT V8.0A will only run under BS2000 OSD/BC V11.0.

### **3.3 Product installation**

Installation of the product SPACEOPT with the IMON installation monitor is mandatory. The information concerning installation in the delivery cover letter and in the product documentation must be followed as well as the information given below.

### **3.4 Product use**

In order to use SPACEOPT for a pubset, the user id SYSSOPT has to be created on this pubset with no special privileges. More recent versions of SIR create this user id automatically when a pubset is initialized. So this precaution is only relevant if SPACEOPT is to be used for the first time on a pubset that has been created in a very old BS2000 version (OSD/BC < V6.0).

SPACEOPT can be used during normal operation. However, it is recommended to plan and use it in low-peak periods, because there may be an increased I/O load.

### **3.5 Obsolete functions (and those to be discontinued)**

None.

### **3.6 Incompatibilities**

None.

### **3.7 Restrictions**

Private disks have been excluded from reorganization with SPACEOPT.

### **3.8 Procedure in the event of errors**

If an error occurs, the following documents are required for diagnostic purposes:

- the CONSLOG and SERSLOG files, and the system dump, if there has been one

- A detailed description of the error condition, indicating whether and how the error can be reproduced

## **4 Hardware requirements**

The following restriction applies concerning disk peripherals:

The function "ADAPT-PUBSET-SIZE" is only supported for disk type D3435.

## **5 Firmware levels**

Not relevant.