

Fujitsu Technology Solutions

SCA (BS2000/OSD)
Version 16.0B
June 2009

Release Notice

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Copyright © Fujitsu Technology Solutions 2009

Release Notice SCA V16.0B

1 General	2
1.1 Ordering	2
1.2 Delivery	3
1.3 Documentation	3
2 Software extensions	4
3 Technical information	4
3.1 Resource requirements	4
3.2 Software configuration	4
3.3 Product installation	4
3.4 Product use	4
3.5 Obsolete functions (and those to be discontinued)	5
3.6 Incompatibilities	5
3.7 Restrictions	5
3.8 Procedure in the event of errors	5
4 Hardware support	5

1 General

SCA (Speedcat) is a program for speeding up catalog accesses. SCA replaces the sequential access to the BS2000/OSD *) catalog with direct access to the catalog block concerned. This is made possible by a list of all file names in the system that is set up for each public volume set by SCA at startup or import and queried or updated at each catalog entry.

This Release Notice is a summary of the major extensions, requirements and operating information with regard to SCA V16.0B under the BS2000/OSD-BC operating system.

The release level is that of June 2009.

*1 The changes from the level of January 2007 are marked with *1 in
*1 the page margin (except updated URLs).

This Release Notice is supplied as a file in uppercase and lowercase. Customers will receive an updated version of this file should any subsequent changes be made.

To print this file use (English version):

```
/PRINT-DOCUMENT FROM-FILE=SYSFGM.SCA.160.E,-  
/DOC-FORM=*TEXT(LINE-SPACING=BY-EBCDIC-CONTR)
```

All BS2000 product Release Notices including this one are available in the Internet under the following URL:

<http://manuals.ts.fujitsu.com/mainframes.html>

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 be noted.

The use of names, trademarks, etc. in this Release Notice does not entitle readers to assume that these names/designations may be used without restriction by anyone; often the names/designations are protected by law or contract, even if this is not indicated here.

1.1 Ordering

SCA V16.0B can be ordered from your local distributors and is subject to the general terms and conditions of the software product use and service agreement.

*) BS2000/OSD ® is a registered trademark of Fujitsu Technology Solutions

1.2 Delivery

The SCA V16.0B files are supplied via SOLIS.

The following delivery components are required regardless of the HSI:

SPEEDCAT.ENTER.START	File for starting SCA
SPEEDCAT.ENTER.STOP	File for stopping SCA
SYSFGM.SCA.160.D	Release Notice (German)
SYSFGM.SCA.160.E	Release Notice (English)
SYSPRG.SCA.160.SPEED-STOP	Program for stopping SCA
SYSPRG.SCA.160.SPEED-STRT	Program for starting SCA
SYSRMS.SCA.160	Loader delivery set for SCA
SYSSII.SCA.160	Structure information for IMON

The following delivery components are only required on S-Servers:

SYSLNK.SCA.160	Load library for SCA
----------------	----------------------

The following delivery components are only required on SX-Servers:

SPMLNK.SCA.160	Load library for SCA
----------------	----------------------

The current file and volume attributes are listed in the SOLIS2 delivery cover letter.

Note: during IMON installation, the supplied files SYSPRG.SCA.160.SPEED-STOP/-STRT are renamed to SPEEDCAT.STOP resp. SPEEDCAT.START.

1.3 Documentation

The following manuals are valid for operating SCA V16.0B:

BS2000/OSD-BC V7.0A
Introductory Guide to System Support
Order number German: U2417-J-Z125-16
English: U2417-J-Z125-16-76

System Installation
Order number German: U2505-J-Z125-16
English: U2505-J-Z125-16-76

The BS2000/OSD V7.0 documentation is also available on CD-ROM in German and English under the title BS2000/OSD SoftBooks.
Order number German: U26175-J8-Z125-2
English: U26175-J8-Z125-2-7

The documentation on current BS2000/OSD software products is also available under the following Internet address:

<http://manuals.ts.fujitsu.com/mainframes.html>

2 Software extensions

Internally, SCA V16.0A was adapted to BS2000/OSD V7.0 (e.g. support of snapsets). At the user interface, there are no functional extensions in SCA from V15.0B to V16.0A.

- *1 In SCA V16.0B, the product's legal transfer to Fujitsu Technology
- *1 Solutions is implemented (e.g. new copyright messages).
- *1 All external functions of V16.0B are identical to V16.0A.

3 Technical information

3.1 Resource requirements

The static disk space required to install this product does not exceed 120 PAM-Pages.

The dynamic memory requirements depend on the number of pubsets Speedcat is used for, and on the size of their file catalogs. Whether user or system memory is used is determined by the chosen Speedcat mode.

3.2 Software configuration

SCA V16.0B will only run under BS2000/OSD-BC V7.0B.

3.3 Product installation

Installation of the product SCA V16.0B with the installation monitor IMON is mandatory. When installing the product, the installation information in the delivery cover letter must be noted in addition to that in this Release Notice.

The necessary inputs and the sequence of the installation are described in the IMON documentation.

Note: during IMON installation, the supplied files SYSPRG.SCA.160.SPEED-STOP/-STRT are renamed to SPEEDCAT.STOP resp. SPEEDCAT.START.

3.4 Product use

Speedcat is only for use on SF pubsets. On SM pubsets, Speedcat is superfluous due to a different internal structure of the file catalog.

As of BS2000/OSD V6.0B, Speedcat is not completely stopped and restarted any more in case of a catalog expansion. Instead, the processing just waits while the internal tables are adjusted to the new catalog size. Then, the processing continues under the same task as before.

More information on this product can be found in the manual "BS2000/OSD-BC V7.0A - Introductory Guide to System Support".

Courses for BS2000 are offered by Fujitsu Technology Solutions (<http://ts.fujitsu.com/services>).

3.5 Obsolete functions (and those to be discontinued)

None.

3.6 Incompatibilities

None.

3.7 Restrictions

None.

3.8 Procedure in the event of errors

If an SCA error occurs, the following error documentation will be required for diagnostic purposes:

- A detailed description of the error condition, indicating whether and how the error can be reproduced.
- CONSLOG file
- SERSLOG file
- SYSREP.SCA.160
- System dump or diagnostic dump

4 Hardware support

SCA V16.0B will run on all systems supported by BS2000/OSD V7.0B.