



Fujitsu Siemens Computers Ltd.

JV (BS2000/OSD)  
Version 14.0C  
October 2005

Release Notice

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## Release Notice JV V14.0C

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# 1 General

JVs (job variables) enable the exchange of information between individual users on the one hand, and between users and the operating system on the other. The operating system manages the job variables and makes them available to its own system and also to a multiprocessor network. Job variables can be referenced at command and program level. The user can create and change job variables, or instruct the operating system to set specified job variables to agreed values when certain events occur.

Job variables can be supplied with protection attributes in the same way as files. Job variables provide the user with a flexible tool enabling job control. They offer a way of defining dependencies in complex production processes, and form the basis of event-controlled job processing.

These release notes contain a concise summary of the main extensions, dependencies and operating instructions for JV V14.0A under the BS2000/OSD \*) V4.0A operating system or higher.

\*2 The release level is that of October 2005.

\*2 Changes with respect to JV V14.0B from October 2004 are marked with '\*2' in the left margin.

\*1 Changes with respect to JV V14.0A from December 2003 are marked with '\*1' in the left margin.

The release notes are supplied as a file with uppercase and lowercase letters. Any changes coming to our attention later will be including in an update, and the updated file will be supplied.

You can print the file (English version) with

```
/PRINT-DOCUMENT FROM-FILE=SYSFGM.JV.140.E,-  
/DOCUMENT-FORMAT=*TEXT(LINE-SPACING=*BY-EBCDIC-CONTROL)
```

If this product version is installed over a version other than the previous version, details of the release notes/ README files for the previous versions must be taken into account.

All BS2000 product Release Notices are available in the Internet. This one is available under the following URLs:

\*2 <http://manuals.fujitsu-siemens.com/mainframes.html>  
and

\*2 [http://serviceportal.sbs.de/technics/technics/fgm\\_en/  
bs2000/index\\_en.htm](http://serviceportal.sbs.de/technics/technics/fgm_en/bs2000/index_en.htm)

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(\*) BS2000/OSD (R) is a registered trademark of  
Fujitsu Siemens Computers Ltd.

## 1.1 Ordering

JV V14.0C can be ordered from your local distributors - and is subject to the general terms and conditions of the software product use and service agreement.

## 1.2 Delivery

The JV V14.0 files are supplied via SOLIS.

The following release items are needed independent of the HSI:

SIPLIB.JV.140	TPR macro library
SYSFGM.JV.140.D	Release notice - German
SYSFGM.JV.140.E	Release notice - English
SYSLIB.JV.140	User macro library
SYMES.JV.140	Message file
SYSRME.JV.140.D	Read-Me file - German
SYSRME.JV.140.E	Read-Me file - English
SYSRMS.JV.140	Packing list for RMS
SYSSDF.JV.140	Syntax file
SYSSSC.JV.140	Subsystem declarations

The following release items are only needed on /390 hardware:

SYSLNK.JV.140	Load library for /390
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The following release items are only needed on SPARC64 hardware (SX product line):

SPMLNK.JV.140	Load library for SPARC
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The following release items are only needed on SR2000:

SRMLNK.JV.140	Load library for RISC
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The current file and volume characteristics are listed in the SOLIS2 delivery cover letter.

### 1.3 Documentation

The documentation for BS2000/OSD is available under the title "BS2000/OSD Softbooks" on CD-ROM. It also contains the JV manual and is part of the delivery. Additional CD copies may be ordered individually if necessary:

English edition:	BS2000/OSD SoftBooks
	order nr.: U26175-J8-Z125-1-7
German edition:	BS2000/OSD SoftBooks
	order nr.: U26175-J8-Z125-1

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

<http://manuals.fujitsu-siemens.com/mainframes.html>  
and can be ordered in paper form for an extra fee through the manual shop in the Internet:  
<http://FSC-manualshop.com>

The product Adobe Acrobat Reader as of V4.05 is required to read or print the manuals in PDF format.

For JV V14.0C, the manual JV V14.0A is valid.

JV V14.0A	Order number	U3616-J-Z125-9	German
		or U3616-J-Z125-8-76	English

There may also be README files available for the manuals listed above. These files contain modifications and supplements for the manual applying to each relevant product. The names of these files are structured as follows:

SYSRME.JV.140.D	(file with German text)
SYSRME.JV.140.E	(file with English text)

In addition, the manuals for the basic configuration of BS2000 are necessary for the operation of JV V14.0C.

## 2 Software extensions

- The following new special job variables are available:

Special JV name	Format / contents
\$SYSJV.PRINCIPAL	<name 1..8> PRINCIPAL name of the Kerberos ID for dialog logon.
\$SYSJV.TIME-ZONE	+hh:mm i Time difference between local and UTC time (hh:mm) plus an indicator as to whether local winter or summer time applies.
*2 \$SYSJV.TASK-CPU-USED-LONG	ssssssssss.ssss Like \$SYSJV.TASK-CPU-USED, but with 10 digits for the seconds.

Meaningful values for \$SYSJV.PRINCIPAL are only possible if SECOS as of V5.0A is used.

Please refer to the SECOS manual for more detailed information on the function and meaning of the PRINCIPAL.

- Up to three error codes, whose occurrence during deletion is to be ignored, can be specified with the new SUPPRESS-ERRORS operand in the DELETE-JV command.  
Corresponding error messages are then suppressed and, as long as no other non-specified errors occur, /DELETE-JV terminates with the command return code CMD0001 "Successfully completed" without triggering a SPINOFF.
- The job variables displayed with the SHOW-JV-ATTRIBUTES command or the STAJV macro can now also be selected according to their properties.

The /SHOW-JV-ATTRIBUTES command offers the new parameter SELECT = \*BY-ATTRIBUTES( ... ) for this. The syntax is fully compatible with the DELETE-FILE command operand with the same name.

At program level, the new JVSEL macro is required for selecting job variables. It creates a parameter area in which the desired JV properties are stored. The address of this parameter area must then be specified in the new SELADDR operand in the STAJV macro.

- \*1 - You can now copy job variables with the new COPY-JV  
\*1 command and the new COPJV macro.  
\*1 Similarly to the COPY-FILE command, you can now use  
\*1 operands to control whether the protection attributes  
\*1 are also taken over and whether an existing JV can be  
\*1 overwritten.
- \*1 - When you create job variables with /CREATE-JV, you can  
\*1 use SUPPRESS-ERRORS=\*JV-EXISTING to suppress error  
\*1 messages if the specified JV already exists.

- \*1 - The SHOW-CJC-STATUS command has been modified.
- \*1 The output extent in the shared pubset network in
- \*1 particular is now the same on both the master and slave
- \*1 of a pubset.
  
- \*1 - When waiting for a job variable event with /WAIT-EVENT,
- \*1 as of BS2000/OSD V6.0 CHECK-CURRENT-VALUE=\*NO can be
- \*1 used to initiate the wait state even if the specified
- \*1 condition has already been fulfilled when the command
- \*1 is issued. In this case, the condition is only taken to
- \*1 be fulfilled if it is still or again fulfilled after a
- \*1 write access to the JV.
  
- \*2 - When selecting job variables, the system administrator and
- \*2 the operator may use wildcards in the user id. In this case,
- \*2 JV formerly selected the job variables on the HOME pubset for
- \*2 all user ids.
- \*2 Now, corresponding to the selection of files, the default
- \*2 pubset of each user id is taken into account.
  
- \*2 - In the screen output of /SHOW-JV-ATTRIBUTES, the number of
- \*2 job variables in the summary line is now given in six digits.
  
- \*2 - If the attributes are copied with the job variables
- \*2 (PROTECTION=\*SAME operand), the MANAGEMENT-CLASS is
- \*2 no more taken over if the copy target is on a different
- \*2 pubset.
- \*2 The corresponding fault of JV V14.0B is corrected.

## 3 Technical notes

### 3.1 Resource requirements

The use of JV V14.0C requires

Virtual address space: less than 0.5 Mbyte  
Static hard disk: less than 10 Mbyte  
Dynamic hard disk: none

### 3.2 Software configuration

JV V14.0C is executable under BS2000/OSD as of V4.0A.  
You will find the correction levels required for using the security functions that are coupled to using SECOS, in the SECOS release information.

### 3.3 Product installation

Installation of the product JV with the installation monitor IMON is mandatory. The necessary inputs and the sequence of the installation are described in the IMON documentation.

The information concerning installation in the delivery cover letter and in the product documentation must be followed as well as the information given in this Release Notice.

### 3.4 Product use

The special job variable \$SYSJV.JOB-ELAPSED-TIME is output in format -ddddddddd-hh:mm:ss .  
The "seconds" given here however, are not precise, because the job start time (\$SYSJV.JOB-LOGON) is counted in minutes. Internally, the start time is set to hh:mm:00, what causes an increasement of \$SYSJV.JOB-ELAPSED by the difference to the real start time. Example:

Job start time	10:31:34
Access time	10:31:54
Real time difference	20 Seconds
\$SYSJV.JOB-ELAPSED-TIME	-0000000000-00:00:54

### 3.5 Obsolete functions and those to be discontinued

- none -

### 3.6 Incompatibilities

\*2 When selecting job variables, the system administrator and  
\*2 the operator may use wildcards in the user id. In this case,  
\*2 JV formerly selected the job variables on the HOME pubset for  
\*2 all user ids.  
\*2 Now, corresponding to the selection of files, the default  
\*2 pubset of each user id is taken into account.

\*2 If the attributes are copied with the job variables  
\*2 (PROTECTION=\*SAME operand), the MANAGEMENT-CLASS is  
\*2 no more taken over if the copy target is on a different  
\*2 pubset.  
\*2 The corresponding fault of JV V14.0B is corrected.

### 3.7 Restrictions

When using SECOS as of V3.0 with HIPLEX MSCF in a LCS network, JVs on REMOTE imported pubsets can only be created when the SECOS functionality "default protection" is deactivated explicitly by specifying PROTECT[ION-ATTR]=\*STD. Otherwise, any attempt to create a JV will be rejected with error message JVS044C.

### 3.8 Procedure in the event of errors

If you experience problems running JV V14.0, the following information is required for diagnostics:

- precise description of circumstances of the problem and details of whether it can be reproduced, and if so, how
- the user or system dump if there was one
- CONSLOG log
- The JV-REPs used (file SYSREP.JV.140)
- JV subsystem declarations (file SYSSSC.JV.140)
- JV syntax file (file SYSSDF.JV.140)

## 4 Hardware support

All CPUs and equipment capable of running the applicable BS2000/OSD version are supported.



## Information on this document

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and the user documentation at <http://manuals.ts.fujitsu.com>.

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