
Fujitsu Technology Solutions

JV (BS2000/OSD)
Version 15.1A
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Release Notice

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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.

This Release Notice is a summary of the major extensions, dependencies and operating information with respect to JV V15.1 under the BS2000/OSD¹ operating system.

The release level is that of April 2012.

This and other current Release Notices are shipped on the SoftBooks DVD and are 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

JV V15.1A can be ordered from your local distributors.

The product is supplied subject to a single payment or payment by installments.

1.2 Delivery

The JV V15.1A files are supplied via SOLIS.

The following delivery components are required regardless of the HSI:

SIPLIB.JV.151	TPR macro library
SYSFGM.JV.151.D	Release notice - German
SYSFGM.JV.151.E	Release notice - English
SYSLIB.JV.151	User macro library
SYSMES.JV.151	Message file
SYSRME.JV.151.D	Read-Me file - German
SYSRME.JV.151.E	Read-Me file - English
SYSRMS.JV.151	Packing list for RMS
SYSSDF.JV.151	Syntax file
SYSSII.JV.151	Structure information for IMON
SYSSSC.JV.151	Subsystem declarations

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

SYSLNK.JV.151 Load library for /390

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

SPMLNK.JV.151 Load library for SPARC

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

SKMLNK.JV.151 Load library for x86

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

1.3 Documentation

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

The documentation is also available in the form of online manuals at <http://manuals.ts.fujitsu.com> or can be ordered at extra cost at <http://manualshop.ts.fujitsu.com>. In the manual shop only manuals are available for products which are still orderable.

For JV V15.1A, the manual JV V15.0A is valid. All modifications and supplements for the manual applying to the current version are supplied in the README files of the product:

SYSRME.JV.151.D (file with German text)
 SYSRME.JV.151.E (file with English text)

When printing the files, you should specify the LINE-SPACING=*BY-EBCDIC-CONTROL operand in the PRINT-DOCUMENT command.

The basic BS2000 manuals are also required for operating JV.

2 Software extensions

Only the extensions and improvements over the previous version JV V15.0 are described in the following section.

2.1 Introduction of EDIT commands

The new commands **EDIT-JV** and **EDIT-JV-ATTRIBUTES**, which are available in interactive dialogue only, activate the guided dialogue for the matching MODIFY command MODIFY-JV or MODIFY-JV-ATTRIBUTES.

Where technically possible and helpful, the predefined default operand values of the MODIFY command are each replaced by the values currently applicable to the specified job variable.

2.2 Selective deletion of job variables

The new parameter SELADDR in the macro ERAJV VERSION=1 and the new operand SELECT=*PARAMETERS(...) in the command DELETE-JV now enable selective deletion of job variables which have the specified attributes.

The offered selection criteria and their function are the same as with the macro STAJV and with the command SHOW-JV-ATTRIBUTES.

2.3 New message JVS04F3

If one of the commands COPY-JV, MODIFY-JV, MODIFY-JV-ATTRIBUTES, or MODIFY-JV-CONDITIONALLY fails to access a JV, the name of this job variable is issued as an insert of the new message JVS04F3.

3 Technical information

3.1 Resource requirements

The use of JV V15.0A 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 V15.1A is executable under BS2000/OSD as of V7.0B.

3.3 Product installation

Installation of the product JV with the IMON installation monitor is mandatory. You must follow the information concerning installation in the delivery cover letter and in the product documentation.

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

3.4 Product use

The special job variable \$SYSJV.JOB-ELAPSED-TIME is output in format -dddddddddd-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	10:31:24
Access time	10:31:54
Real time difference	30 Seconds
\$SYSJV.JOB-ELAPSED-TIME	-0000000000-00:00:54

3.5 Discontinued functions (and those to be discontinued)

None.

3.6 Incompatibilities

None.

3.7 Restrictions

When using SECOS 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, 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
- SYSOUT or SYSLST log
- The JV-REPs used (file SYSREP.JV.151)
- JV subsystem declarations (file SYSSSC.JV.151)
- JV syntax file (file SYSSDF.JV.151)

4 Hardware requirements

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

5 Firmware levels

JV has no firmware dependencies.