

FUJITSU Software BS2000 IMON

Version 3.3B
November 2020

Release Notice

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1 General

- *2 This Release Notice is a summary of the major extensions, dependencies and operating information pertaining to Installation-Monitor IMON V3.3B under the operating system BS2000.
- *2 IMON V3.3B encompasses IMON-BAS V3.3B, IMON-GPN V3.3B and IMON-SIC V3.3B. IMON V3.3 extends the functional scope of IMON V3.2.
- *2 IMON V3.3B can run on all BS2000 systems as of BS2000/OSD-BC V9.0 resp. OSD/XC
- *3 V9.0 and installs software for all current BS2000 versions up to and including BS2000
- *3 OS DX.
- *3 The release level is that of IMON V3.3B10: November 2020.
- *1 Changes to release August 2013 are marked with *1.
- *2 Changes to release February 2018 are marked with *2.
- *3 Changes to release October 2018 are marked with *3.

This and other current Release Notices are shipped on the SoftBooks DVD and are available online at <https://bs2manuals.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

IMON V3.3B is part of the BS2000 offer units OSD/BC and OSD/XC.

1.2 Delivery

The IMON V3.3B files are supplied via SOLIS.
The current file and volume characteristics are listed in the SOLIS2 delivery cover letter.

The following delivery groups are part of the IMON V3.3B delivery scope:

*2 1.2.1 IMON V3.3B

Files independent from the HSI:

Delivery components	Product description
SYSFGM.IMON.033.D	Release notice (German)
SYSFGM.IMON.033.E	Release notice (English)
SYSRME.IMON.033.D	Readme file (German)
SYSRME.IMON.033.E	Readme file (English)
SYSSII.IMON.033	IMON structure and installation information

***2 1.2.2 IMON-BAS V3.3B**

Files independent from the HSI:

Delivery components	Product description
SINLIB.IMON-BAS.033	Library with different POSIX scripts and procedures
SYSDAT.IMON-BAS.033.IDF	Exception file for specific //GENERATE-IDF functions
SYSDAT.IMON-BAS.033.POSIX	Input file for registration of IMON in the POSIX system
SYSFHS.IMON-BAS.033.D	Library for IMON-BAS masks (German)
SYSFHS.IMON-BAS.033.E	Library for IMON-BAS masks (English)
SYSLIB.IMON-BAS.033	User macro library containing the macros for the different SHOW functions
SYSLNK.IMON-BAS.033.TU	Load module library for IMON-BAS non privileged part
SYSMES.IMON-BAS.033	Complete message file
SYSNRF.IMON-BAS.033	No reference symbol file
SYSPAR.IMON-BAS.033	Parameter file for optional installation functions
SYSPRC.IMON-BAS.033	Specific procedures for POSIX installation features
SYSRMS.IMON-BAS.033	RMS delivery set
SYSSDF.IMON-BAS.033	Syntax file
SYSSII.IMON-BAS.033	IMON structure and installation information
SYSSSC.IMON-BAS.033	Subsystem declaration

Files only required on servers with /390 architecture:

Delivery components	Product description
SYSLNK.IMON-BAS.033.TPR	Load module library for IMON-BAS privileged part

Files only required on servers with x86 architecture:

Delivery components	Product description
SKMLNK.IMON-BAS.033.TPR	Load module library for IMON-BAS privileged part

***2 1.2.3 IMON-GPN V3.3B**

Files independent from the HSI:

Delivery components	Product description
SYSLIB.IMON-GPN.033	User macro library containing the macros (program interface)
SYSTEMS.IMON-GPN.033	Complete message file
SYSRMS.IMON-GPN.033	RMS delivery set
SYSSDF.IMON-GPN.033	Syntax file
SYSSII.IMON-GPN.033	IMON structure and installation information
SYSSSC.IMON-GPN.033	Subsystem declaration

Files only required on servers with /390 architecture:

Delivery components	Product description
SYSLNK.IMON-GPN.033	Load module library

Files only required on servers with x86 architecture:

Delivery components	Product description
SKMLNK.IMON-GPN.033	Load module library

***2 1.2.4 IMON-SIC V3.3B**

Files independent from the HSI:

Delivery components	Product description
SYSFHS.IMON-SIC.033.D	Library for IMON-SIC masks (German)
SYSFHS.IMON-SIC.033.E	Library for IMON-SIC masks (English)
SYSLIB.IMON-SIC.033	User macro library for the program interface
SYSLNK.IMON-SIC.033	Load module library
SYSTEMS.IMON-SIC.033	Complete message file
SYSNRF.IMON-SIC.033	No reference symbol file
SYSRMS.IMON-SIC.033	RMS delivery set
SYSSDF.IMON-SIC.033	Syntax file
SYSSII.IMON-SIC.033	IMON structure and installation information

1.3 Documentation

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

The documentation is also available on the internet at <https://bs2manuals.ts.fujitsu.com>.

The manuals may be supplemented with README files. These contain changes and extensions to the manual of the product concerned. The README files are available on the SoftBooks-DVD or online under <https://bs2manuals.ts.fujitsu.com>

2 Software extensions

Only the most important extensions on previous version IMON V3.2 are described in the following section. The detailed description of all new functions can be found in the User Manual of IMON V3.3B.

- *3 In anticipation of BS2000 OS DX the meaning of "version" in the SDF instructions and in
- *3 the FHS masks changes with IMON V3.3B10. Instead of the OSD version, now the
- *3 BS2000 version is used in all instructions. The previously used OSD versions are still
- *3 supported by all SDF instructions.

2.1 New type *NP for POSIX items, combination of "*NW" and "*PS"

The item type *NP is a combination of both item types *PS and *NW. It has been introduced for POSIX satellites for which the deinstallation in POSIX must be executed with the procedures of the old installation libraries ("SINLIBs") also when the main version remains the same (e.g. at change of correction state A00 to A10).

2.2 New values for the parameter 'POSIX Processing'

"POSIX Processing" now offers the new options "ALL" and "BY-CONFIGURATION-FILE" in addition to existing ones YES and NO.

This choice will determine further processing:

NO = no POSIX installation (as up to now)

ALL = POSIX installation for all POSIX products inside the delivered package (*PS and *NP), no matter whether they are already registered to \$SYS-ROOT.POSIX.CONFIGURATION or not.

YES = ALL (for compatibility reasons)

BY-CONFIGURATION-FILE = POSIX installation only for those POSIX products inside the delivered package (*PS and *NP), which are already registered to \$SYSROOT.POSIX.CONFIGURATION.

The default value is BY-CONFIGURATION-FILE for products which contain POSIX installation items (i.e. with item type *PS or *NP). See also the hints in section 3.4.2.

3 Technical information

3.1 Resource requirements

3.1.1 Virtual Address Space

About 1.200.000 bytes in class 4 for IMON and IMON-GPN subsystems loading
Additional memory depends on the size of the SCIs.

3.1.2 Static Disc Space

About 19.850 PAM pages for the release items.

3.1.3 Dynamic Disc Space

Minimum of 390 PAM pages for both SCIs.

3.1.4 Special Hardware/Firmware/Processor/Real memory

None

3.2 Software configuration

3.2.1 Necessary environment

*2 BS2000/OSD V9.0 resp. OSD/XC as of V9.0 or higher is required for IMON V3.3B.

3.2.2 Required Software

None

3.2.3 Products required for special functions

EDT for the UNDO / DEINSTALL functions

HSMS for using ARCHIVE in the saving process of the PARK and INSTALL functions

LMS for installation from a PLAM library, SOLFTR delivery

3.3 Product installation

Installation of the product with the IMON installation monitor is mandatory, as the execution of the product requires a consistent Software Configuration Inventory (SCI).

When installing the product, you must follow the information concerning installation in the delivery cover letter and in the product documentation as well as the information in this Release Notice.

*2 3.3.1 Upgrade to IMON V3.3B

For a successful use of the new version of IMON, the following procedure must be followed for the installation:

- *2 • First install IMON V3.3B separately from any product supplied with the delivery.
- *2 • After successful installation of IMON V3.3B on the HOME pubset, reboot the BS2000 system.
- *2 • If the POSIX functionality of IMON is used in the subsequent product installations:
When the POSIX subsystem is started, use the POSIX installation program to deinstall a previous version of IMON installed in POSIX (function "Delete packages") and then install IMON-BAS V3.3B (function "Install packages").

Remark:

This step is automatically executed if the previous version of IMON-BAS was already installed in POSIX and the POSIX processing was activated when the new delivery unit of BS2GA.IMON has been installed. After a POSIX package installation of IMON-BAS, no POSIX restart is necessary any more.

- Install the other products of the delivery.

3.3.2 Product exchangeability

Not relevant.

3.3.3 Coexistence with other product versions

Only possible for IMON-SIC.

3.3.4 Required privileges

Every write-access to the SCI needs the SUBSYSTEM-MANAGEMENT privilege and to perform any installation processing, the TSOS privilege is also necessary. For complete information about required privileges, please refer to the IMON manual.

3.4 Product use

The program IMON-SIC must be started with the command /START-IMON-SIC.

The program IMON-BAS must be started with the command /START-IMON. This command starts automatically the IMON subsystem if it is not started yet.

3.4.1 Prerequisite for the use of the new functionality

New features of IMON V3.3 (*NP item type) are ignored by previous version of IMON. SOLIS deliveries including release item of type *NP must be generated on the basis of IMON V3.3 and must be installed with IMON V3.3.

3.4.2 Default value for POSIX processing

The default value of POSIX processing is BY-CONFIGURATION-FILE for products which contain POSIX installation items (i.e. with item type *PS or *NP). Therefore, by default, the products are not installed in POSIX if they were not yet installed in POSIX before (with same or different main version).

It is advised to explicitly select the products that must be installed in POSIX for the first time according to the needs and e.g. to install them in the guided dialog of the POSIX installation program.

A first time installation can also be forced per supply unit by changing the default setting to “*ALL”. The file \$SYSROOT.IMON.ACTIONS.ADD then contains numerous POSIX packages of the related supply unit. If not all packages must be installed in POSIX, they must be removed from this file with EDT after the completion of the IMON installation procedures (delete the related line(s)).

3.5 Obsolete functions (and those to be discontinued)

None

3.6 Restrictions

Due to internal FHS limitation, it is advised to install at most 30 supply units at once using the FHS interface for non-standard installation or at most 100 supply units for standard installation.

In some cases the dynamic activation of level 4 subsystems could not be successfully completed. It is so advised to manually stop subsystems having dependencies to different release units (e.g. HSMS/ARCHIVE or SES/SQL) before starting their dynamic activation.

3.7 Procedure in the event of errors

If an error occurs, the following error documents are needed for diagnostics:

- A detailed description of the error condition, indicating whether and how the error can be reproduced
- Error during installation processing:
 - o All files <work-file-location>.*<package-name>*
- Error with /START-utility commands:
 - o concerned syntax file
 - o possibly delivered start-procedure
- Generally:
 - o Hardcopy
 - o Dumps
 - o SCI files: \$TSOS.SYS.IMON.SCI*
 - o activated rep files of IMON-BAS/GPN/SIC

An AIS Connect connection is essential for diagnostics. [If this is not available, the service provider is entitled to invoice additional services rendered.]

4 Hardware support

- *2 IMON V3.3B runs on all servers supported by BS2000/OSD-BC as of V9.0 and OSD/XC
- *2 as of V9.0.