

Fujitsu Software BS2000 IMON

Version 3.4A22

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Release Notice

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1 General

This Release Notice is a summary of the major extensions, dependencies and operating information with respect to Installation Monitor IMON V3.4 under the operating system BS2000.

IMON V3.4 encompasses IMON-BAS V3.4, IMON-GPN V3.4 and IMON-SIC V3.4.
IMON V3.4 extends the functional scope of IMON V3.3.

IMON V3.4 can run on all systems from BS2000 V21.0 and installs software for all current BS2000 versions up to and including BS2000 V21.0.

- *4 The release level is that of: November 2023.
- *4 The current release refers to the following delivery status:
*4 IMON V3.4A22 release level November 2023
- *4 Changes to release level June 2023 are marked with *4.
- *3 Changes to release level November 2022 are marked with *3.
- *2 Changes to release level June 2022 are marked with *2.
- *1 Changes to release level June 2021 are marked with *1.

This and other Release Notice(s) 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 of the previous versions must also be noted.

1.1 Ordering

IMON V3.4 is part of the BS2000 offer unit BS2000 OS DX.

1.2 Delivery

The IMON V3.4 files are supplied via SOLIS.

The following delivery groups are part of the IMON V3.4 delivery scope:

IMON-BAS	V3.4
IMON-GPN	V3.4
IMON-SIC	V3.4

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

1.3 Documentation

- *1 The documentation is available on the Internet at <https://bs2manuals.ts.fujitsu.com/>. There you will
- *1 find both individual manuals and (under the "Softbooks" tab) the ISO image of a DVD with the en-
- *1 tire inventory.

2 Software extensions

Only the most important extensions on previous version IMON V3.3B are described in the following section. The detailed description of all new functions can be found in the User Manual of IMON V3.4A.

2.1 New function for selecting supply units

IMON V3.4A offers the option of an automatic selection of supply units for the installation if these delivery components are already installed in the system (with lower or the same version).

The automatic selection can be activated optionally:

- in SDF mode

```
//INSTALL-UNITS ..., SUPPLY-UNITS=*BY-CONFIGURATION()
```

- in FHS mode

```
Supply unit selection 2  1.Manually (*BY-DIALOG)
                        2.Automatically (*BY-CONFIGURATION)
```

Without explicit request, the usual selection procedures continue to apply:

- in SDF mode

```
//INSTALL-UNITS ..., SUPPLY-UNITS=*ALL-REMAINING( )
```

- in FHS mode

```
Supply unit selection 1  1.Manually (*BY-DIALOG)
                        2.Automatically (*BY-CONFIGURATION)
```

*1 2.2 Implemented change requests

*1 The following changes have been made in IMON-BAS:

- *1 - If the B2000-EXEC is changed, the user is informed during the installation of the delivery by the message IMO2112 (CR A0616084).
- *1 - Improved layout of the FHS mask when opening a SOLIS2 delivery (CR A0616394).
- *2 - Installation hint: no separate activation necessary for IMON-SIC

*4 2.3 Adaptations for supporting upgrades to BS2000 OS DX V1.0B.

*4 After upgrade installation from BS2000 OS DX 1.0A to V1.0B messages and sdf files service manage properly temporary files.

*4 2.4 Improved stability in POSIX processing.

*4 Improved stability in IMON installation in POSIX (via "POSIX Processing").

*4

3 Technical information

3.1 Resource requirements

3.1.1 Virtual Address Space

Approx. 1.2 MB in class 4 memory are required for the IMON and IMON-GPN subsystems. The additional memory requirement depends on the size of the SCIs.

3.1.2 Disc Space

Approx. 19.000 PAM pages of disk space are required for the release elements. The additional requirement for the SCI files is around 1.200 PAM pages and depends on the scope of the managed software.

3.2 Software configuration

3.2.1 Required operating system

BS2000 V21.0A or higher is required for the use of IMON V3.4.

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).

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.

Corrections to the delivery unit BS2OS.IMON must be installed separately before installing any other product!

Depending on the scope of delivery, the following applies:

- LG: IMON-GPN
Must be activated by rebooting BS2000.
- LG: IMON-BAS
Must be activated by rebooting BS2000 or dynamically by:
//ACTIVATE-UNITS -
// UNIT-NAME=*INSTALLATION-UNIT(UNIT-NAME=IMON-BAS)
Note on ACTIVATE-UNITS:
After execution, the program IMON must be terminated to allow unload of the IMON subsystem.
- LG: IMON-SIC
A separate activation is not mandatory.

3.3.1 Coexistence with other product versions

Only possible for IMON-SIC.

3.3.2 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.

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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 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 Discontinued functions (and those to be discontinued)

None

3.6 Incompatibilities

None

3.7 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 or SES/SQL) before starting their dynamic activation.

3.8 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

- The error must be reported to the appropriate service provider.
An incident will be opened with Second Level Support.

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

4 Hardware requirements

IMON V3.4 runs on all business servers of the SE series supported by BS2000.