

Fujitsu Software BS2000 SM2-TOOLS

Version 21.0B

June 2025



Release Notice

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1 General

The release unit SM2-TOOLS is part of the product openSM2 (BS2000). openSM2 (BS2000) provides comprehensive performance monitoring and analysis of BS2000 systems and enables the user to optimize the performance of his systems. In connection with the openSM2 for SE Server packet, openSM2 (BS2000) offers an efficient solution for the monitoring of all components and systems of an SE Server.

SM2-TOOLS contains the BS2000 agents OPENSMS2-MONITORING-AGENT and OPENSMS2-ANALYSIS-AGENT.

ATTENTION:

*01 The Windows applications INSPECTOR and ANALYZER (SPCDAT.SM2-TOOLS.210) are
*01 no more delivered.

This Release Notice is a summary of the major extensions, dependencies and operating information with respect to SM2-TOOLS V21.0B under the BS2000 operating system.

The release level is that of: June 2025

*01 Changes to release level November 2023 are marked with *01.
*02 Changes to release level June 2024 are marked with *02.
*03 Changes to release level November 2024 are marked with *03.

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

SM2-TOOLS V21.0B is a component of the delivery unit openSM2 (BS2000) and cannot be ordered separately.

openSM2 (BS2000) V21.0B can be ordered from your local distributors.

openSM2 (BS2000) V21.0B is supplied subject to a single payment or payment by installments.

A license is required for openSM2 (BS2000). Appropriate licenses must be ordered in order to use the product.

1.2 Delivery

The SM2-TOOLS V21.0B files are supplied via SOLIS.

The following delivery components are required regardless of the HSI:

SYSLNK.SM2-TOOLS.210	BS2000 agents
SYSSDF.SM2-TOOLS.210	SDF syntax file
SYSSPR.SM2-TOOLS.210	procedures for SDF commands
SYSDAT.SM2-TOOLS.210.IN.CONF	configuration file for OPENSMS2-MONITORING-AGENT

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

1.3 Documentation

The openSM2 Manager is containing a comprehensive help facility.

For users with little or no knowledge of openSM2, the manual openSM2 Software Monitor may be very useful.

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

2 Software extensions

Only the extensions and improvements over the previous version SM2-TOOLS 21.0A are described in the following section.

2.1 OPENS2-MONITORING-AGENT

- *01 – New SVC monitored variables for SM2-WEB
- *02 – New reports and monitored variables for report group IO for SM2-WEB
- *02 – New report ActiveLogicalMachines for report group CPU-Total in SM2-WEB

2.2 OPENS2-ANALYSIS-AGENT

- *01 – New reports and monitored variables for report group IO for SM2-WEB
- *03 – Support of IPv6 connections

3 Technical information

3.1 Resource requirements

SM2-TOOLS V21.0B can be used on BS2000 systems as of 512 MB installed main memory.

The following memory range in user address space is required for operation:

OPENSM2-MONITORING-AGENT: 5 MB
OPENSM2-ANALYSIS-AGENT: 4 MB

These values represent a minimum requirement that may increase depending on the amount of data and the application used.

3.2 Software configuration

- B2000 OS DX V1.0 or higher
- SM2 V21.0A or higher

3.3 Product installation

Installation of the product openSM2 (BS2000) with the IMON installation monitor is mandatory. 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.

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

After successful installation of the product with IMON you have to carry out the following actions:

3.3.1 Configuration of the OPENSM2-MONITORING-AGENT program

For the OPENSM2-MONITORING-AGENT program the
SYSDAT.SM2-TOOLS.210.IN.CONF
configuration file with the standard settings for the monitoring is installed. You can modify these settings.

The following configuration lines are available:

AGENT_HOSTNAME=BY_SYSJV / <alphanum-name 1..8>

Here you specify the hostname of the system from which the agent transmits data.

If you specify BY_SYSJV the agent uses the value of the \$SYSJV.HOST job variable as hostname.

If you specify another name this name must correspond to the name specified in the openSM2 Manager.

The configuration file must contain such a configuration line.

PORTNUMBER=4000 / <integer 1024..65535>

Here you specify the port number of the port to be used for the communication between the openSM2 Manager and the agent.

This port number must correspond with the port number specified in the openSM2 Manager.

The configuration file must contain such a configuration line.

TRACE=NO / YES / <integer 0..5>

Here you specify if the agent should trace his actions in a file.

If you enter YES or a trace level greater than zero the agent traces his actions depending on the level. YES corresponds to level 5.

Der Trace sollte nur zu Diagnosezwecken eingeschaltet werden, da er sehr umfangreich ist.

The trace should only be activated for diagnostic purposes, because it is very extensive.

TRACE_FILE=<filename 1..54>

Here you can specify the name of the trace file. As default the name

SYSTRC.SM2-TOOLS.210.IN.<hostname> is used.

ALLOWED_MANAGER=<alphanum-name 1..255>

Here you can define which openSM2 Managers are allowed to log on to the agent.

Enter the hostname of the Management Unit running the openSM2 Manager.

The configuration file can contain several such configuration lines.

3.4 Product use

Before starting the programs for the first time you should read the section "Basics" in the help of the openSM2 manager.

Courses for openSM2 (BS2000) are offered by Fujitsu ([ca_bs2000-course_de.pdf](#)).

The version of openSM2 Manager must be equal or higher than the version of the corresponding agent.

3.5 Discontinued functions (and those to be discontinued)

The following functions are no longer supported as of this version:

- *01 – The Windows applications INSPECTOR and ANALYZER (SPCDAT.SM2-TOOLS.210) are
- *01 no more delivered.

3.6 Incompatibilities

-

3.7 Restrictions

-

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.
- 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

4.1 BS2000 Server

SM2-TOOLS V21.0B can be used on all Business Servers supported from BS2000 OS DX V1.0 or higher.