

# Inform

## Fujitsu Software BS2000 Service Pack 22.1 - Innovations

### General information about Service Pack 22.1

This document provides information about the important innovations in Service Pack 22.1. The functional enhancements are released for BS2000 OS DX V1.0 configurations and are partly also available in OSD/XC V11.0B configurations. An overview of the versions of the BS2000 software products released in the individual configurations is available in the document [Inform Software Configuration BS2000 OS DX V1.0 and OSD/XC V11.0B](#).

The current service pack with the expanded products and revised documentation is also displayed on the BS2000 manual server, including a release notice for the service pack.

Detailed information on the new features of the individual products can be found in the corresponding release notices and manuals. As usual, the content of the service pack is described in the delivery letter.

### Innovations with Service Pack 22.1

Release: June 30, 2022

Product / component	Significant functional enhancements
General	<ul style="list-style-type: none"> <li>• Support of Windows 11 / Windows Server 2022</li> <li>• Security Lifecycle: Update of different components to OpenSSL 1.1.1l</li> </ul>
BS2000 V21.0A / BS2ZIP V21.0A10	<ul style="list-style-type: none"> <li>• When extracting from the ZIP archive, it is possible to specify the source and target character set</li> </ul>
BS2000 V21.0A / PAMCONV V21.0A01	<ul style="list-style-type: none"> <li>• Support of files larger than 32 GB and with more than 2 GB sets</li> <li>• Node files are now also possible as output files</li> <li>• Display supported device type for tape and disk files</li> <li>• Revision of message and help texts</li> </ul>
BS2000 V21.0A / STATUS V21.0A10	<ul style="list-style-type: none"> <li>• Extension of the SHOW-USER-STATUS by the selection by wildcard</li> </ul>
BS2IDE Release 2.14.0 <sup>1</sup>	<ul style="list-style-type: none"> <li>• Debugging now also possible in full-screen mode</li> <li>• Consistent support of different file password types</li> <li>• Generic placeholders for output files</li> <li>• Support for versioned library items in delegate rules</li> <li>• Search function across multiple BS2000 files and libraries</li> </ul>
C/C++ V4.0A50	<ul style="list-style-type: none"> <li>• Further features of the C++ standard implemented</li> </ul>

Product / component	Significant functional enhancements
HSMS V12.0D	<ul style="list-style-type: none"> <li>When copying backup files within a long-term archive, selecting backup versions according to the logical release date (File-Expiration-Date), it can be specified that the input data carriers are automatically released (corresponds to a reorganization)</li> <li>Reorganization process for restructuring the file entries in the archive directory</li> <li>New execution mode when reorganizing a version backup archive (backup files are moved to another storage level)</li> </ul>
IMON V3.4A10	<ul style="list-style-type: none"> <li>Query if a new BS2000 EXEC with the ending .NEW is created during installation</li> <li>Revision of the arrangement of the input field in the IMON FHS dialog</li> </ul>
INETSERV V3.4B08	<ul style="list-style-type: none"> <li>TCP-IP-AP: update to stunnel 5.63</li> <li>TCP-IP-SV: update to OpenSSH 9.0</li> </ul>
MT9750 V9.0B04 <sup>2</sup>	<ul style="list-style-type: none"> <li>Updated the embedded OpenSSL version to 1.1.1o</li> <li>Changed key mapping for switching between session windows from ALT-&lt;nr&gt; to CTRL-SHIFT-&lt;nr&gt;.</li> </ul>
ONETSERV V21.0A, V4.0 / BCAM V21.0A01	<ul style="list-style-type: none"> <li>Output of individual information via commands SHOW-ROUTE-ATTRIBUTES, SHOW-ADDRESS-ASSIGNMENT and SHOW-HOST-ATTRIBUTES also for non-privileged users</li> <li>BCAM template for secure MSCF configuration</li> </ul>
openFT V12.1C30 (Unix/Windows Systems) <sup>2</sup>	<ul style="list-style-type: none"> <li>Delegation of openFT administration to any user other than system administrator possible (Windows)</li> <li>New logo in the application in the openFT Explorer</li> <li>Use of license keys for openFT on Linux and Solaris, analogous to Windows</li> </ul>
openSM2 V21.0A, V11.0B / SM2-WEB V21.0A01	<ul style="list-style-type: none"> <li>Use of the SM2 measurement value files as a data source for reports and export orders</li> </ul>
openUTM V7.0A23 (Enterprise Edition) <sup>2</sup>	<ul style="list-style-type: none"> <li>Extensions for the Microfocus COBOL Compiler V5</li> <li>More than 1000 connections per process by replacing PCMX</li> </ul>
PERCON V3.0A	<ul style="list-style-type: none"> <li>Long integer support in selected operands</li> <li>Block number output on tape extended to 10 digits</li> <li>TAPE-C4 now default value for DEVICE-TYPE of tape files</li> <li>Revision of message and help texts</li> </ul>

<sup>1</sup> BS2IDE Release 2.13.0 is available for download from the release of the Service Pack under <https://bs2000.ts.fujitsu.com/bs2ide/> via the personal access data.

<sup>2</sup> These products are not part of the service pack; however, they can be obtained at the same time as the BS2000 Service Pack is released.

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