Datasheet
FUJITSU Software BS2000 OSD/XC V 10.0

Operating System BS2000 Extended Configuration

FUJITSU Software BS2000 OSD/XC is the operating system package Extended Configuration for the SE and SQ business servers. FUJITSU Software BS2000 OSD/XC comprises the operating system FUJITSU Software BS2000 OSD/BC and several system support software products.

FUJITSU Software BS2000 OSD/XC V10.0 includes the current version FUJITSU Software BS2000 OSD/BC V10.0.

OSD/XC supports all sets of functions relevant to data center operation and business-critical computing:

- Advanced, mainframe-typical workload management for interactive dialog and batch loads,
- Wide scalability of processor performance, memory and I/O bandwidth,
- Automation of data center operation and data center operating processes possible,
- Ability to run open applications,
- Support for backup scenarios.

In version V10.0 the OSD/XC package consists of the following software products:
NEW: OSD/XC V10.0 comprises FUJITSU Software BS2000 interNet Services V3.4.

Functional area	Product name	Version
Operating system	FUJITSU Software BS2000 OSD/BC	V10.0
Communications	FUJITSU Software BS2000 openNet Server	V3.6
	FUJITSU Software BS2000 interNet Services	V3.4
	FUJITSU Software BS2000 TIAM	V13.2
Job scheduling	FUJITSU Software BS2000 JV	V15.1
Performance management	FUJITSU Software BS2000 SCA	V19.0
Print management	FUJITSU Software BS2000 RSO	V3.6
Programming systems	FUJITSU Software BS2000 CRTE	V10.0
	FUJITSU Software BS2000 EDT	V17.0
Storage management	FUJITSU Software BS2000 ARCHIVE	V10.0
	FUJITSU Software BS2000 HSMS	V10.0
Utilities	FUJITSU Software BS2000 LMS	V3.5
	FUJITSU Software BS2000 PERCON	V2.9
	FUJITSU Software BS2000 SORT	V8.0

Features and benefits

Main features	Benefits
Business server innovations	
■ Support of new SE business servers, including server units /390 and x86	■ Support of the latest technologies
■ Integration of selected BS2000 functions in the SE manager	■ Ease of operation by consistent interfaces for monitoring and administration
Manageability	
■ Integrated Development Environment for BS2000 based on Eclipse - BS2IDE	■ Increasing the attractiveness and productivity of BS2000 application development by state-of-the-art user interface
■ Function extensions in SANCHECK	■ Support for innovative technologies and increase ease of use when using the SE Server
Storage integration	
■ Net-Storage interoperability with other operating systems	■ Efficient exchange of information between BS2000 and UNIX systems
■ Refined access algorithm and increased availability of files on Net-Storage	■ Enhancements for Net-storage applications
Performance	
■ Avoid compulsory CPU removal under Nucleus Lock	■ Optimizing performance at high multi-processor degree
■ Extensive measures to increase the performance in different components of BS2000	■ Increasing throughput, particularly in data communication
System boundaries	
■ new volume type for ETERNUS CS8000	■ Increasing the maximum number of tape blocks per volume
■ Discharge of system address area by removal to dataspaces	■ Expansion of the available address space
Peripherals innovations	
■ LTO-6 magnetic tape devices, including LTO-6 drive encryption	■ Most recent tape technology is available with BS2000
■ Support of new generations of ETERNUS DX and ETERNUS CS	■ Support for the latest peripherals with extended functionality

Topics

Description of the Product Characteristics

CRTE

■ CRTE is the shared runtime system for COBOL2000, COBOL85 and C/C++ programs and includes language-specific and cross-language libraries.

EDT

■ EDT is the BS2000/OSD file editor permitting easy creation and editing of standard BS2000/OSD files in SAM and ISAM format as well as text-like library elements and POSIX files.

HSMS/ ARCHIVE

■ HSMS is the Hierarchical Storage Management System of BS2000/OSD. It provides an extensive set of functions for the protection, archiving and migration of BS2000 data. HSMS includes the ARCHIVE backup product with its full functionality.

interNet Services

■ In the selectable unit interNet Services (short designation: INETSERV (BS2000)) provide functions that support the interoperability of communication partners in „open" TCP/IP-based networks.

JV

■ JV (Job Variables) is a flexible tool for user-based job control. It allows easy definition of the dependencies between complex production routines and forms the basis for event-driven job processing.

LMS

■ LMS is the BS2000/OSD library management system for creating and managing program libraries and processing the elements contained in them. In this way LMS supports program development, as well as the maintenance and documentation of the resulting programs.

openNet Server

■ openNet Server provides the basic communication functions for networking BS2000/OSD systems. IDCAM, ICMX and Sockets programming interfaces are also included.

PERCON

■ PERCON offers an extensive range of functions for transferring and converting data between files and between data media of the same or different types.

RSO

■ RSO (Remote Spool Output) is an add-on product to the central BS2000/OSD Spool system, enabling printouts to be routed to local printers in the LAN (host-to-LAN printing) or TRANSDATA network.

SCA

■ SCA optimizes file catalog accesses, considerably enhancing the I/O throughput of a system.

SORT

■ SORT is an efficient sort/merge utility for sorting records of input files in accordance with set order criteria and for merging the records of multiple sorted input files into a single output file.

TIAM

■ TIAM is the remote data processing access system for interactive operation.

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Technical details

Technical details	
Technical Requirements Hardware	SE and SQ BS2000 Business Server
Technical Requirements Software	None
Operating mode	Interactive (dialog), transaction and batch mode
Implementation language	Assembler, SPL, C++
User interface	Commands in English, message texts in German/English
Installation	By the customer according to the release notice
Documentation	Following manuals are available: Product manuals and Datasheets for the products included in the package. See also: Manual and Datasheet of BS2000/OSD-BC V 10.0
Training	See course offer at: http://ts.fujitsu.com/training
Demands on the user	Knowledge of BS2000/OSD
Conditions	This software product is supplied to the customer subject to the relevant conditions against installments.
Ordering and delivery	This software product may be obtained from your local Fujitsu Technology Solutions GmbH regional office.

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More information

Fujitsu products, solutions & services

Products

http://www.fujitsu.com/fts/products/

In addition to BS2000, Fujitsu offers a full portfolio of other computing products:

- Storage systems: ETERNUS
- Server: PRIMERGY, PRIMEQUEST, Fujitsu SPARC M10, BS2000 Mainframe
- Client Computing Devices: LIFEBOOK, STYLISTIC, ESPRIMO, FUTRO, CELSIUS
- Peripherals: Fujitsu Displays, Accessories
- Software
- Network

Solutions

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Infrastructure Solutions are customer offerings created by bringing Fujitsu's products, services and technologies together with those from partners.

Industry Solutions are tailored to meet the needs of specific verticals.

Business and Technology Solutions provide a variety of technologies developed to tackle specific business issues such as security and sustainability, across many verticals.

Services

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Application Services support the development, integration, testing, deployment and on-going management of both custom developed and packaged applications.

Business Services respond to the challenge of planning, delivering and operating IT in a complex and changing IT environment.

Managed Infrastructure Services enable customers to deliver the optimal IT environment to meet their needs.

More information

To learn more about BS2000, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website. http://www.fujitsu.com/fts/bs2000

Fujitsu green policy innovation

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