

WebTransactions V7.0A00 Business Object Builder for Windows 2000/2003  
Release Notice Edition: July 2005

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## 1 General

The Release Notice contains important information on the use of Business Object Builder V7.0 under the operating system Windows 2000/2003 (if not using the MVS host adapter also Windows XP) that is not contained in the Product Information Sheet or the manuals.

BizTransactions offers a simple, versatile access to host applications in the PC world.

BizTransactions allows services (i.e. monitors or program interfaces) of existing applications (any applications on BS2000 and MVS that can be operated via 9750 or 3270), or OLTP applications with UTM (UPIC connection) to be converted to "Business Objects" (BO). Business objects group several services of an application into a single logical object with properties and methods, and provide object-oriented access to host applications.

BizTransactions is a licensed product.  
It can only be installed on the PC for which it is bought.

The use of trade names, product names and so on in this document does not mean that they can be considered to be unprotected and used without restriction; they are often legally or contractually protected, even where this is not explicitly indicated.

### 1.1 New functions

For a summary of the functions that are new in Version V7.0 consult the "Introduction" section of the "BizTransactions" manual.

## 2 Installation

You will find detailed information on installation in the chapter entitled "Installation development environment" and "Installation run-time environment" in the manual.

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2.1 Resource requirements

BizTransactions	Disk space max.	70MB
JWSDP 1.5	Disk space approx.	70 MB

2.2 Hardware requirements/support

Business Object Builder can be used on all systems on which Windows 2000/2003 will run.

2.3 Software configuration

Development environment

- Windows 2000 Service Pack 3
- Windows 2003
- Windows XP (not if working with the MVS host adapter)
- Visual Basic (VB) V6.0 Visual Studio V6.0 Service Pack 5  
If you want to create Business Objects in VB.
- .NET Framework as of V1.1 If you want to create Business Objects in VB .NET.
- Java 2 SDK as of V1.4.2 If you want to create Business Objects in Java.
- Java 2 JRE as of V1.4.2 For run-time environment if Business Objects are to run in Java.
- MS Internet Explorer as of V5.0 (IE) Used when displaying the help system. The IE need not to be entered as standard browser.
- MSXML Parser 3.0 Service Pack 2  
The parser can be downloaded from <http://msdn.microsoft.com/downloads/> you have to search for MSXML
- WebTransactions for OSD/MVS/UTM if you want to record Business Object Methodes with the corresponding connection type.

WebServices

- MIIS as of V6.0 Microsoft Internet Information Server for .NET WebServices
- Apache Tomcat as of V4.0 for Java WebServices
- Oracle OC4J Standalone Distribution 10g  
The .ear files that will be generated in this case can be deployed into an Oracle Application Server using the administration interface.

Server (BS2000)

- UTM-D as of V4.0 When linked by means of UPIC  
As of UTM 5.0, the UTM-D variant is not required
- BS2000 as of V10.0 When linked to BS2000
- DRIVE V3.1A When linked by means of UPIC to Drive programs

For security reasons it is recommended to use the correction under

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[http://support.microsoft.com/default.aspx?scid=kb; \[LN\]; Q323255](http://support.microsoft.com/default.aspx?scid=kb;[LN];Q323255)  
because the HTML help is used in the development system.

## 2.4 Additional notes on installation

WebTransactions Business Object Builder is available in the Internet. Please refer to the delivery information for the address.

WebTransactions is also available on CD on request. Please send an e-mail message to [WebTransactions@fujitsu-siemens.com](mailto:WebTransactions@fujitsu-siemens.com).

The values given during installation for the connection from JWSDP to Tomcat or OC4J are stored in the file WSDL4Java.bat which is in the subfolder bin in the installation folder. In that file you change the values if necessary.

## 3 Product use

### 3.1 Notes on running the product

There is no maintenance obligation associated with the sample application provided.

### 3.2 Obsolete functions and those to be discontinued

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### 3.3 Incompatibilities to BizTransactions V3.0

When trying to move a too long value in a field of a Business Object (MOVE statement) JAVA Business Objects of prior versions cut the value and no error had been reported. In this case BizTransactions V7 throws the exception BizTaBoInvalidFieldLength.

### 3.4 Restrictions

#### 3.4.1 Validity of date specifications after the year 2000

An invalid date after the year 2000 is sometimes not recognized as invalid. This is an error in VB.

#### 3.4.2 Java. 3270 emulation

Known problem when running Business Objects with 3270 emulation:  
An address error usually results when the program terminates.

Workaround:

The communication link within 3270 emulation must be enabled explicitly for the business object.

Please refer to Section 11.1 "Information for special applications " under "Clearing down a connection".

#### 3.4.3 Link via the UPIC interface for using Drive

Known problems with the interoperability between BizTransactions and Drive V3.1A with a link via the UPIC interface:

- After creating the XML file, the TAC name must be changed from DRISQL to SQLRMT. The file can only be imported with the BizTransactions Studio after this.
- If the Drive program does not contain a Using bar, Drive does not create an XML file.

Please contact the manufacturer for corrections to these restrictions.

#### 3.4.4 Installation of JWSDP 1.5

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To install JWSDP on Windows 2003 JAVA\_HOME must have a valid value. Sometimes installation with an invalid or missing JAVA\_HOME works but <JWSDP\_HOME>\jwsdp-shared\bin\setenv.bat is not build correctly and JWSDP does not work.

### Workaround:

```
Insert the following lines into the file
<JWSDP_HOME>\jwsdp-shared\bin\setenv.bat:
rem --- Install directory of Java SDK
set JAVA_HOME=...
rem --- Set ANT_HOME to subdirectory apache-ant of the JWSDP install directory
set ANT_HOME=<JWSDP_HOME>\apache-ant
rem --- Install directory of JWSDP
set JWSDP_HOME=...
```

### 3.4.5 Web Service generation with JWSDP 1.5

If in a BO a method-parameter of type Class is used which attributes are all arrays there is an error during Java Web Service generation. In that case JWSDP reports  
error: invalid type for JAX-RPC structure: <class name>

### Workaround:

Insert a "dummy"-attribute into the class which is no array.

### 3.5 Procedure in the event of errors

In the event of a problem, contact the Call Management Center (CMC):  
Telephone hotline: Mo. -Su.: 0.00-24.00 (365 days/year)  
Business hours for services: Mo. -Fr.: 8.00-17.00 (except for public holidays)  
Telephone: +49 1805 4040  
Fax: +49 1805 336779  
Internet: <http://its.siemens.de/icm>  
Please have the following information ready:  
Address, IDENT No., Date purchase, problem, ...

The following error documentation is required for diagnostics:

- \* exact description of the error situation
- \* exact description of the software configuration with version numbers of the software involved
- \* traces and all logging files of BizTransactions BOI (for information on trace and logging options, refer to the chapter entitled "Diagnostic tools" in the manual)
- \* relevant extracts of the Visual Basic program.
- \* BizTransactions catalog
- \* exact description of error messages in message boxes
- \* log of the configuration check by BizTransactions Studio Administration --> Check Configuration

## 4 Documentation

### Manual

- BizTransactions V7.0  
Application Integration with Business Objects

### Additional manuals

- WebTransactions V7.0

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Connection to OSD Applications

- WebTransactions V7.0  
Connection to MVS Applications
- WebTransactions V7.0  
Connection to openUTM Applications via UPIC

The manuals are available as PDF files on the BizTransactions Web page:

<http://www.fujitsu-siemens.com/webtransactions>

## 5 Additions to the manual

Addition to 5.5.1.1 paragraph "Converting COBOL program units":  
Before calling the converting procedure for COBOL programs you must set the COPY libraries which are necessary for compiling of the source via the link names COBLIB1 to COBLIB9. E. g. the library with the UTM COPY units for the UTM COPY units can be found. This is done with the command ADD-FILE-LINK:  
/ADD-FILE-LINK COBLIB1, <copy-bibliothek>  
(for more information see manual "COBOL2000 (BS2000/OSD), COBOL-Compiler").

Instead of version 1.3 of JWSDP as described in paragraph 7.1.1 the version 1.5 is shipped. In this version Tomcat is not more part of the installation. Therefore the paragraph "If you want to use Tomcat as a component of JWSDP" is obsolete. A connection to Tomcat is always created as described in paragraph "If you want to use Tomcat installed independently of BizTransactions". For this Tomcat has to be installed before the installation of the Business Object Builder.