

BusinessObjects Enterprise XI Release 2 for Windows

Supported Platforms

Overview

This document lists specific platforms and configurations for the BusinessObjects Enterprise XI Release 2 for Windows.

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Introduction

This document is based on the Platforms.txt that is located in the root directory of the BusinessObjects Enterprise XI Release 2 for Windows installation disk (CD). However, this version of the document may be intermittently updated with the latest information after the original release of this Platforms.txt.

| | |
|-------------|---|
| NOTE | Anything that is highlighted using red font indicates that it is an update, addition or correction made after the original release of the Platforms.txt that shipped with this product. |
|-------------|---|

Products

Desktop Products

- BusinessObjects Desktop Intelligence XI R2
- BusinessObjects Enterprise XI (Win32 Clients) R2
- BusinessObjects Live Office XI R2
- BusinessObjects OLAP Intelligence XI (Client Components) R2
- BusinessObjects Set Architect XI R2 ** (language note)
- Crystal Reports Designer XI R2
- Universe Builder BusinessObjects Data Integrator plug-in XI R2
- Universe Builder CWM OLAP plug-in XI R2
- Universe Builder CWM Relational plug-in XI R2
- Universe Builder DB2 Cube Views plug-in XI R2
- Universe Builder DB2 Data Warehouse Center plug-in XI R2
- Universe Builder Oracle Data Warehouse plug-in XI R2
- Universe Builder Oracle OLAP plug-in XI R2

Server Products

- BusinessObjects Enterprise XI R2
- BusinessObjects Web Intelligence XI R2
- Crystal Reports XI R2
- BusinessObjects OLAP Intelligence XI (Server Components) R2
- BusinessObjects Dashboard Manager XI R2
- BusinessObjects Performance Manager XI R2
- BusinessObjects Predictive Analysis XI R2
- BusinessObjects Process Analysis XI R2

- BusinessObjects Set Analysis XI (Server Components) R2
- BusinessObjects Encyclopedia XI R2
- BusinessObjects Process Tracker XI R2 (1)

(1) Process Tracker is installed separately. Note that BusinessObjects Enterprise Premium XI Release 2 includes Process Tracker, where Process Tracker is currently not supported on IIS. (See Application Servers section below.)

Languages

- Chinese Simplified
- Chinese Traditional
- Dutch
- English
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (Brazil)
- Spanish
- Swedish

**BusinessObjects Set Architect is supported in English only.

Supported Operating Systems

Desktop Products

- Windows 2000 SP4 Professional
- Windows XP SP1 Professional
- Windows XP SP2 Professional
- Windows 2000 SP4 Advanced Server
- Windows 2000 SP4 Datacenter Server
- Windows 2000 SP4 Server
- Windows Server 2003 Datacenter Edition
- Windows Server 2003 Enterprise Edition
- Windows Server 2003 Standard Edition
- Windows Server 2003 Web Edition

- Windows Server 2003 SP1 Datacenter Edition
- Windows Server 2003 SP1 Enterprise Edition
- Windows Server 2003 SP1 Standard Edition
- Windows Server 2003 SP1 Web Edition

Server Products

- Windows 2000 SP4 Advanced Server
- Windows 2000 SP4 Datacenter Server
- Windows 2000 SP4 Server
- Windows Server 2003 Datacenter Edition
- Windows Server 2003 Enterprise Edition
- Windows Server 2003 Standard Edition
- Windows Server 2003 Web Edition
- Windows Server 2003 SP1 Datacenter Edition
- Windows Server 2003 SP1 Enterprise Edition
- Windows Server 2003 SP1 Standard Edition
- Windows Server 2003 SP1 Web Edition

Minimum Hardware Requirements for BusinessObjects Enterprise XI Release 2

- P3 700MHz**
- 1 GB RAM
- 5 GB hard disk space for BusinessObjects Enterprise and 1.5 GB additional for Performance Management
- CD-ROM

** Windows support is limited strictly to the 32-bit versions of Windows operating on either 32 or 64-bit (x86) AMD/Intel chipsets.

BusinessObjects Enterprise software for Windows is not warranted or supported for use on other chipsets.

Business Objects and Microsoft Critical Patches

Business Objects supports and recommends install of all Microsoft critical patches for the operating systems listed above.

Supported Application Servers

| Application Servers | JDK |
|---------------------|---------|
| IIS 5.0 | N/A (1) |

| Application Servers | JDK |
|------------------------|-----------------|
| IIS 6.0 | N/A (1) |
| OAS 10G Rel.2 (10.1.2) | JDK 1.4.2_x (2) |
| SAP WAS 6.40 SP11 | JDK 1.4.2_x (2) |
| Tomcat 5.0.27 | JDK 1.4.2_08+ |
| | JDK 1.5.0_xx |
| WebLogic 8.1 SP4 | JDK 1.4.2_x (3) |
| WebLogic 9.2 | JDK 1.5.0_04+ |
| WebSphere 5.1.0.4 | JDK 1.4.1_x |
| WebSphere 5.1.1.0 | JDK 1.4.2_x (4) |
| WebSphere 6.0.0.2 | JDK 1.4.2_x |

(1) Not supported for EPM products.

(2) Support for Performance Management and Process Tracker at this time is limited to 10g patch 2 (10.1.0.50) See release notes for additional information.

(3) Support for Process Tracker is planned post XI R2 General Availability.

(4) EPM products support WebSphere 5.1.1.6 and later versions

Application Server Incremental Release Support Policy

Specified application servers versions have been successfully tested by Business Objects. Incremental releases of the specified versions defined by the last number in the application server name will be supported as they are made available, but may not have been tested by Business Objects. Exceptions in support will be documented.

JDK Version Support Policy

JDK major versions are specified to ensure the use of correct version when there are multiple choices provided by the vendor. Business Objects tests and supports any _x release installed with a given application server.

Specific Patches Required for Oracle Application Server

See release notes for exact patch level support.

Supported HTTP Servers

Any supported by Application Server vendor.

Support of WebSphere and WebLogic Editions

Network Editions of the Applications Server listed above are NOT supported. The Express Edition of WebSphere and WebLogic application servers are supported.

WebSphere 5.1.1.4 is not supported

Several issues have been found when applying the cf4 patchset for WebSphere 5.1.1. Moving forward to 5.1.1.5/6 or back to 5.1.1.3 both appears to fix the issue. In consequence BusinessObjects will not support this particular version of WebSphere. All other 5.1.1x versions are supported.

Portal Servers

- MS SharePoint portal server 2003
- MS Windows SharePoint Services (WSS) 2003
- Oracle Portal Server 10g R2 (10.1.2) (JSR 168)
- SAP Portal Server 6 SP3
- WebLogic Portal 8.1 SP4 (JSR 168)
- **WebLogic Portal 9.2 (JSR168)**
- WebSphere Portal 5.1.0.1 (JSR 168)

Portal Server Minor Release Support Policy

Specified portal servers versions have been successfully tested by Business Objects. Incremental releases of the specified versions defined by the last number in the portal server name will be supported as they are made available, but may not have been tested by Business Objects. Exceptions in support will be documented.

Supported Browsers

| Browser OS | Browser | JVM |
|------------|-------------------|--------------------|
| MacIntosh | Safari 1.3 | Apple 1.4.2_xx (2) |
| Windows | Firefox 1.0.4 (1) | Sun 1.4.2_xx (3) |
| | IE 6.0 SP1 | Sun 1.4.2_xx |
| | IE 6.0 SP2 | Sun 1.4.2_xx |

| Browser OS | Browser | JVM |
|------------|---------|------------------------------|
| | IE 7.0 | Sun 1.4.2_xx Sun 1.5.0_xx |

(1) SVG is not supported (EPM)

(2) Browser not supported for OLAP Intelligence, EPM products and Process Tracker.

(3) Support for EPM products and Process Tracker planned post XI R2 General Availability.

Restriction of Crystal Reports Explorer

Please note that the Crystal Reports Explorer add-on leverages IE specific components and will not work with any browsers other than IE.

SVG and Flash support for EPM

SVG version 3.0.3 and above are supported for Internet Explorer.

Flash version 7 and above are supported for Internet Explorer and Firefox.

CMS Database (Repository) & Audit Databases

| Provider Name | Data Connector |
|-----------------------------|-------------------------------------|
| IBM DB2/UDB for NT/UNIX 8.1 | DB2 Client 8.1 |
| IBM DB2/UDB for NT/Unix 8.2 | DB2 Client 8.2 |
| MS SQL Server 2000 SP4 | Microsoft ODBC MDAC 2.8 |
| MS SQL Server 2005 | Microsoft ODBC MDAC 2.8 |
| | Microsoft ODBC SNAC (Native Client) |
| MS SQL Server 7.0 SP4 | Microsoft ODBC MDAC 2.7 (1) |
| MySQL 4.1.13 | MySQL C-API |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 |
| Oracle 10g R2 (10.2) | Oracle Net Client 10.2 |
| Oracle 9.2 | Oracle Net Client 9.2 |
| Sybase ASE 12.5.2 | Sybase Open Client 12.5.2 |

(1) See release notes.

Performance Management Repository Databases

| Provider Name | Data Connector |
|-----------------------------|--|
| IBM DB2/UDB for NT/Unix 8.1 | DB2 Client 8.1 |
| IBM DB2/UDB for NT/Unix 8.2 | DB2 Client 8.2 |
| IBM DB2/UDB for zSeries 7 | DB2 Client 8.1 |
| | DB2 ODBC Client 8.1 |
| IBM DB2/UDB for zSeries 8 | DB2 Client 8.2 |
| MS SQL Server 2000 SP4 | Microsoft ODBC MDAC 2.8 |
| | Microsoft OLEDB MDAC 2.8 |
| MS SQL Server 2005 | Microsoft ODBC MDAC 2.8 |
| | Microsoft ODBC SNAC (Native Client) |
| | Microsoft OLEDB MDAC 2.8 |
| | Microsoft OLEDB SNAC (Native Client) |
| MS SQL Server 7.0 SP4 | Microsoft ODBC MDAC 2.7 |
| | Microsoft OLEDB MDAC 2.7 |
| NCR Teradata v2R5 | NCR Teradata ODBC 3.03 |
| CR Teradata V2R5.1 | NCR Teradata ODBC 3.03 NCR Teradata ODBC 3.04 |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 |
| Oracle 10g R2 (10.2) | Oracle Net Client 10.2 |
| Oracle 9.2 | Oracle Net Client 9.2 |
| Sybase ASE 12.5 | Sybase Open Client 12.5 |

Supported Data Sources for Set Architect

| Provider Name | Data Connector |
|-----------------------------|--------------------------|
| Oracle 9.2 | Oracle Net Client 9.2 |
| MS SQL Server 7.0 SP4 (2) | Microsoft ODBC MDAC 2.7 |
| | Microsoft OLEDB MDAC 2.7 |
| IBM DB2/UDB for NT/Unix 8.1 | DB2 Client 8.1 |
| NCR Teradata V2R5 | NCR Teradata ODBC 3.03 |
| NCR Teradata V2R5.1 | NCR Teradata ODBC 3.03 |
| | NCR Teradata ODBC 3.04 |

| Provider Name | Data Connector |
|--|---------------------------|
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 |
| Sybase Adaptive Server Enterprise 12.5 | Sybase Open Client 12.5 |
| Sybase Adaptive Server Enterprise 12.5.1 | Sybase Open Client 12.5.1 |

Please see release notes for Oracle and DB2 connectivity for this product.

(2) Support for MS SQL Server 2005 is planned post XI R2 General Availability.

Connectivity Supported for Web Intelligence, Desktop Intelligence and Performance Management

| Provider Name | Data Connector | Unicode Support |
|---|--|-----------------|
| OLAP | | |
| Essbase Server 7.0 | Essbase API 7.0 (1) | |
| Essbase Server 7.1 | Essbase API 7.1 (1) | |
| Essbase Server 7.1.2 | Essbase API 7.1.2 (1) | |
| IBM DB2 OLAP Server 8.2 | IBM DB2 OLAP API 8.2 (1) | |
| MS SQL Server Analysis Services 2000 SP3 | MS SQL Server OLAP Client 2000 SP3 (1) | |
| SAP BW Server 3.0b | SAP BW Front End 3.0b (1) | |
| SAP BW Server 3.1c | SAP BW Front End 3.1c (1) | |
| SAP BW Server 3.5 | SAP BW Front End 3.5 (1) | |
| RDBMS | | |
| Generic ODBC Data Sources | ODBC (2) | |
| BusinessObjects Data Federator XI Release 2 | ODBC for Data Federator | |
| IBM DB2/UDB for iSeries 5.2 | DB2 Client 8.1 | |
| | DB2 ODBC Client 8.1 | |
| | IBM iSeries Access (ODBC) 5.2 | |
| IBM DB2/UDB for iSeries 5.3 | DB2 Client 8.2 | |
| | DB2 ODBC Client 8.2 | |
| | IBM iSeries Access (ODBC) 5.3 | |
| IBM DB2/UDB for NT/Unix/Linux 8.1 | DB2 Client 8.1 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 8.2 | DB2 Client 8.2 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.1(5) | DB2 Client 9.1 | Yes |
| | DB2 ODBC Client 9.1 | Yes |

| Provider Name | Data Connector | Unicode Support |
|-----------------------------------|--------------------------------------|-----------------|
| IBM DB2/UDB for zSeries 7 | DB2 Client 8.1 (3) | |
| | DB2 ODBC Client 8.1 (3) | |
| IBM DB2/UDB for zSeries 8 | DB2 Client 8.2 (3) | |
| | DB2 ODBC Client 8.2 (3) | |
| IBM Informix Dynamic Server 10.0 | IBM Informix ODBC SDK 2.90 | |
| IBM Informix Dynamic Server 7.31 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix Dynamic Server 9.4 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix XPS 8.40 | IBM Informix ODBC SDK 2.81 | |
| IBM Informix XPS 8.50 | IBM Informix ODBC SDK 2.90 | |
| IBM Red Brick Decision Server 6.3 | IBM Red Brick ODBC 6 | |
| MS Access 2003 | Microsoft ODBC MDAC 2.8 (2) | |
| MS SQL Server 2000 SP4 | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| MS SQL Server 2005 | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft ODBC SNAC (native client) | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| | Microsoft OLEDB SNAC (native client) | Yes |
| MS SQL Server 7.0 SP4 | Microsoft ODBC MDAC 2.7 | |
| | Microsoft OLEDB MDAC 2.7 | |
| MySQL 4.1.10a | MySQL ODBC Connector 3.51.12 | |
| MySQL 4.1.1.13 | MySQL ODBC Connector 3.51.12 | |
| MySQL 5.0 | MySQL ODBC Connector 3.51.12 | |
| NCR Teradata V2R5 | NCR Teradata ODBC 3.03 | Yes |
| NCR Teradata V2R5.1 | NCR Teradata ODBC 3.03 | Yes |
| | NCR Teradata ODBC 3.04 | Yes |
| NCR Teradata V2R6 | NCR Teradata ODBC 3.04 | Yes |
| NCR Teradata V2R6.1 | NCR Teradata ODBC 3.05 | Yes |
| Netezza NPS Server 2.5 | NETEZZA ODBC 2.5 (4) | Yes |
| Netezza NPS Server 3.0 | NETEZZA ODBC 3.0 (4) | Yes |
| Oracle 10g R1 (10.1) | Oracle Net Client 10.1 | Yes |
| Oracle 10g R2 (10.2) | Oracle Net Client 10.2 | Yes |
| Oracle 9.2 | Oracle Net Client 9.2 | Yes |

| Provider Name | Data Connector | Unicode Support |
|--------------------------------|---|-----------------|
| Sybase ASE 12.5 | Sybase Open Client 12.5 | |
| Sybase Adaptive Server IQ 12.5 | Sybase ODBC 7 for Adaptive Server IQ 12.5 | |
| Sybase Adaptive Server IQ 12.6 | Sybase ODBC 9 for Adaptive Server IQ 12.6 | |

(1) OLAP connectivity is NOT supported by Desktop Intelligence. EPM supports OLAP data sources for Query on Universe on Windows.

(2) Connectivity not supported by EPM.

(3) Connectivity not supported for Performance Manager. Other EPM products are supported.

(4) Supported via the Web Intelligence, Desktop Intelligence and Performance Management generic ODBC 3 driver.

(5) IBM DB2 v9.1 requires a minimum of Windows 2003 SP1 to be the Operating System for Windows deployments.

Support of SAP BW Server

BusinessObjects XI R2 Integration Kit for SAP MUST be installed in order to use SAP BW Server as a data source from Web Intelligence, Crystal Reports, Desktop Intelligence and OLAPI products. The exact patch levels required for SAP BW servers and API are specified in the platforms.txt for BusinessObjects XI R2 Integration Kit for SAP.

Support of NCR Teradata V2R6 on Japanese

Please note that NCR Teradata V2R6 via NCR Teradata ODBC 3.0.4 is NOT SUPPORTED in Japanese.

Source and Data Model Versions for Universe Builder

| Meta Data Model | Database | Middleware |
|---|----------|------------|
| Universe Builder BusinessObjects Data Integrator Plug-in | | |
| CWM from BusinessObjects Data Integrator 6.X/XI/XIR2 | N/A | N/A |
| Universe Builder CWM OLAP Plug-in | | |
| CWM OLAP 1.0 | N/A | N/A |
| CWM OLAP 1.1 | N/A | N/A |
| Universe Builder CWM Relational Plug-in | | |
| CWM 1.0 | N/A | N/A |
| CWM 1.1 | N/A | N/A |

| Meta Data Model | Database | Middleware |
|---|--------------------------------|------------------------|
| Universe Builder DB2 Cube Views Plug-in | | |
| IBM DB2 Cube Views 8.1 | IBM DB2/UDB for NT/Unix 8.1 | DB2 Client 8.1 |
| Universe Builder DB2 Data Warehouse Center Plug-in | | |
| CWM from DB2 Data Warehouse Center 8.X | N/A | N/A |
| Universe Builder Oracle Data Warehouse Plug-in | | |
| OLAP/Relational CWM from Oracle Warehouse Builder 10g | N/A | N/A |
| OLAP/Relational CWM from Oracle Warehouse Builder 9i | N/A | N/A |
| Universe Builder Oracle OLAP Plug-in | | |
| Oracle Option OLAP 10.2.0.2.0 | Oracle 10gR2 (10.2.0.2.0) (2) | Oracle Net Client 10.2 |
| Oracle Option OLAP 10.1.0.1 | Oracle 10g R1 (10.1.0.1) | Oracle Net Client 10.1 |
| Oracle Option OLAP 10.1.0.2 | Oracle 10g R1 (10.1.0.2) | Oracle Net Client 10.1 |
| Oracle Option OLAP 10.1.0.3 | Oracle 10g R1 (10.1.0.3) | Oracle Net Client 10.1 |
| Oracle Option OLAP 10.1.0.4 | Oracle 10g R1 (10.1.0.4) + (1) | Oracle Net Client 10.1 |
| Oracle Option OLAP 9.2.0.5 | Oracle 9.2 | Oracle Net Client 9.2 |

Remark: When the Database & Middleware are not applicable (N/A), the source is an XML file compliant with the metadata format.

(1) Oracle database server requires Patch 4504204

(2) The following Oracle patches are required on the server OLAP 10.2.0.2.0:

Patch 4722589: Description SQL VIEW JOINING TWO ACTIVE CATALOG TABLE FUNCTION VIEWS NOT WORKING

Patch 4429146: Description INCORRECT LIMIT GENERATED ON TABLE FUNCTION WHEN LABEL CLAUSE USED IN LIMITMAP

Failure to properly install the Oracle patches will cause Universe Builder to fail. In addition, Oracle Cubes created in earlier versions must be migrated thru analytical Workspace Manager for cubes to be functional.

Supported Data Sources for Crystal Reports

| Provider Name | Data Connector | Unicode Support |
|---------------|----------------|-----------------|
|---------------|----------------|-----------------|

| Provider Name | Data Connector | Unicode Support |
|---|------------------------------------|-----------------|
| OLAP | | |
| Essbase Server 6.5.4 | Essbase API 6.5 Patch 4 | |
| Essbase Server 7.0 | Essbase API 7.0 | |
| Essbase Server 7.1 | Essbase API 7.1 | |
| Essbase Server 7.1.2 | Essbase API 7.1.2 | |
| IBM DB2 OLAP Server 8.1 FixPack 3 | IBM DB2 OLAP API 8.1 | |
| IBM DB2 OLAP Server 8.2 | IBM DB2 OLAP API 8.2 | |
| MS SQL Server Analysis Services 2000 SP3 | MS SQL Server OLAP Client 2000 SP3 | |
| MS SQL Server Analysis Services 2005 | MS SQL Server OLAP Client 2005 (2) | |
| SAP BW Server 3.0b | SAP BW Front End 3.0b | |
| SAP BW Server 3.1c | SAP BW Front End 3.1c | |
| SAP BW Server 3.5 | SAP BW Front End 3.5 | |
| (2) Planned for release shortly after XI R2 General Availability. | | |
| RDBMS | | |
| Generic JDBC Data Sources | JDK 1.4 | Yes |
| Generic ODBC Data Sources | ODBC | Yes |
| Generic OLEDB Data Sources | OLEDB | Yes |
| IBM DB2/UDB for iSeries 5.2 | DB2 Client 8.1 | Yes |
| | IBM iSeries Access (JDBC) 5.2 | Yes |
| | IBM iSeries Access (ODBC) 5.2 | Yes |
| | IBM iSeries Access (OLEDB) 5.2 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM DB2/UDB for iSeries 5.3 | DB2 Client 8.2 | Yes |
| | IBM iSeries Access (JDBC) 5.3 | Yes |
| | IBM iSeries Access (ODBC) 5.3 | Yes |
| | IBM iSeries Access (OLEDB) 5.3 | Yes |
| | DB2 ODBC Client 8.2 | Yes |
| IBM DB2/UDB for | DB2 Client 8.1 | Yes |

| Provider Name | Data Connector | Unicode Support |
|--------------------------------------|--------------------------------------|-----------------|
| NT/Unix/Linux 8.1 | DB2 JDBC 8.1 | Yes |
| | DB2 ODBC Client8.1 | Yes |
| | DB2 OLEDB 8.1 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 8.2 | DB2 Client 8.2 | Yes |
| | DB2 JDBC 8.2 | Yes |
| | DB2 ODBC Client 8.2 | Yes |
| | DB2 OLEDB 8.2 | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.1(1) | DB2 Client 9.1 | Yes |
| | DB2 JDBC 9.1 | Yes |
| | DB2 ODBC Client 9.1 | Yes |
| | DB2 OLEDB 9.1 | Yes |
| IBM DB2/UDB for zSeries 7 | DB2 Client 8.1 | Yes |
| | DB2 ODBC Client 8.1 | Yes |
| IBM/DB2/UDB for zSeries 8 | DB2 Client 8.2 | Yes |
| | DB2 ODBC Client 8.2 | Yes |
| IBM Informix Dynamic Server 10.0 | IBM Informix ODBC SDK 2.90 | Yes |
| IBM Informix Dynamic Server 9.4 | IBM Informix ODBC SDK 2.81 | Yes |
| MS Access 2000 | DAO 3.6 | Yes |
| | Microsoft ODBC Access 2000 | Yes |
| | Microsoft OLEDB Access 2000 | Yes |
| MS Access 2003 | DAO 3.6 | Yes |
| | Microsoft ODBC Access 2003 | Yes |
| | Microsoft OLEDB Access 2003 | Yes |
| MS SQL Server 2000 SP4 | JDBC SQL Server 2000 | Yes |
| | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| MS SQL Server 2005 | JDBC SQL Server 2005 | Yes |
| | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft ODBC SNAC (Native Client) | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| | Microsoft OLEDB SNAC (Native Client) | Yes |
| MS SQL Server 7.0 SP4 | Microsoft ODBC MDAC 2.7 | Yes |

| Provider Name | Data Connector | Unicode Support |
|------------------------|------------------------------|-----------------|
| | Microsoft OLEDB MDAC 2.7 | Yes |
| MySQL 4.1.10a | JDBC MySQL | Yes |
| | MySQL ODBC Connector 3.51.12 | Yes |
| MySQL 4.1.13 | JDBC MySQL | Yes |
| | MySQL ODBC Connector 3.51.12 | Yes |
| NCR Teradata V2R5 | NCR Teradata ODBC 3.03 | Yes |
| NCR Teradata V2R5.1 | NCR Teradata ODBC 3.03 | Yes |
| NCR Teradata V2R6 | NCR Teradata JDBC 03.02.00 | Yes |
| | NCR Teradata ODBC 3.04 | Yes |
| Netezza NPS Server 2.5 | Netezza ODBC 2.5 | Yes |
| Oracle 10g R1 (10.1) | JDBC Oracle 10.1 | Yes |
| | ODBC Oracle 10.1 | Yes |
| | OLEDB Oracle 10.1 | Yes |
| | Oracle Net Client 10.1 | Yes |
| Oracle 10g R2 (10.2) | JDBC Oracle 10.2 | Yes |
| | ODBC Oracle 10.2 | Yes |
| | OLEDB Oracle 10.2 | Yes |
| | Oracle Net Client 10.2 | Yes |
| Oracle 9.2 | JDBC Oracle 9.2 | Yes |
| | ODBC Oracle 9.2 | Yes |
| | OLEDB Oracle 9.2 | Yes |
| | Oracle Net Client 9.2 | Yes |
| Sybase ASE 12.5 | JDBC Sybase 12.5 | Yes |
| | ODBC Sybase 12.5 | Yes |
| | Sybase Open Client 12.5 | |
| Technology | | |
| ADO. NET | MS .NET Framework 1.0 | Yes |
| | MS .NET Framework 1.1 | Yes |
| | MS .NET Framework 2.0 | Yes |
| COM | N/A | Yes |
| Excel 2000 | DAO 3.6 | Yes |
| | ODBC | Yes |
| | OLEDB | Yes |
| Excel 2003 | DAO 3.6 | Yes |
| | ODBC | Yes |
| | OLEDB | Yes |
| Exchange 2000 | Microsoft Office 2000 | |

| Provider Name | Data Connector | Unicode Support |
|-------------------|-----------------------|-----------------|
| Exchange 2003 | Microsoft Office 2003 | Yes |
| Field Definitions | N/A | Yes |
| Java Bean | JDK 1.4 | Yes |
| XML | JDK 1.4 | Yes |

(1) IBM DB2 v9.1 requires a minimum of Windows 2003 SP1 to be the Operating System for Windows deployments.

Crystal Reports Reporting Data Sources Supported for Scheduling Only

| Provider Name | Data Connector | Unicode Support |
|----------------------------------|---------------------------|-----------------|
| RDBMS | | |
| IBM Informix Dynamic Server 10.0 | IDS Client 10.0 | |
| IBM Informix Dynamic Server 9.4 | IDS Client 9.4 | |
| Technology | | |
| ACT 5 | ACT 5 | |
| ACT 6 | ACT 6 | |
| Borland Database Engine 5.1 | BDE 5.1 | |
| Exchange 5.5 | Microsoft Office 2000 | |
| File System | N/A | Yes |
| Lotus Notes 5 | ODBC Lotus Notes 5 | Yes |
| Lotus Notes 6 | ODBC Lotus Notes 6 | Yes |
| Microsoft IIS Log | N/A | |
| Microsoft Outlook 2000 | Microsoft Office 2000 | |
| Microsoft Outlook 2003 | Microsoft Office 2003 | |
| NT Event Log | N/A | |
| Pervasive SQL 2000 | ODBC Pervasive 2000 | Yes |
| | Pervasive SQL Client 2000 | |
| Pervasive SQL 8 | ODBC Pervasive 8 | Yes |
| | Pervasive SQL Client 8 | |

| Provider Name | Data Connector | Unicode Support |
|---------------|----------------|-----------------|
| Text | ODBC | Yes |
| Web Log | N/A | |
| Xbase | N/A | |

Scheduled and on demand reporting

Schedule only indicates that the data connectivity is assumed to be single-threaded. Customers are recommended to use these with scheduled Crystal Reports instances; as concurrent on-demand reports will be handled serially.

Other connectivity are assumed to be multi-threaded and suitable to be used for both scheduled and on-demand Crystal Reports instances as concurrent on-demand reports will be handled in parallel.

Support of SAP BW Server

BusinessObjects XI R2 Integration Kit for SAP MUST be installed in order to use SAP BW Server as a data source from Web Intelligence, Crystal Reports, Desktop Intelligence and OLAP **Intelligence** products. The exact patch levels required for SAP BW servers and API are specified in the Platforms.txt for BusinessObjects XI Release 2 Integration Kit for SAP.

Generic ODBC, OLEDB and JDBC: Limitation

Database server, Client and ODBC/JDBC/OLEDB driver used must support multiple threads.

Generic JDBC: 3rd Party JDBC Type 4-compliant drivers may potentially have issues as not all combinations have been tested, but are supported for *relational database access* as a general rule.

Generic ODBC: 3rd Party ODBC Level 2-compliant Drivers may potentially have issues as not all combinations have been tested yet, but are supported as a general rule.

Plan for MS SQL Server Analysis Services 2005

This will be available as a Crystal data Source shortly after XI Release 2 General Availability. For more information please refer to Knowledge Base c2018276 posted on the Business objects support web site at <http://support.businessobjects.com>.

OLAP Connectivity for **OLAP Intelligence**

| Provider Name | Data Connector |
|---------------|----------------|
|---------------|----------------|

| Provider Name | Data Connector |
|--|------------------------------------|
| Essbase Server 6.5.4 | Essbase API 6.5 Patch 4 |
| Essbase Server 7.0 | Essbase API 7.0 |
| Essbase Server 7.1 | Essbase API 7.1 |
| Essbase Server 7.1.2 | Essbase API 7.1.2 |
| IBM DB2 OLAP Server 8.1 Fix Pack 3 | IBM DB2 OLAP API 8.1 |
| IBM DB2 OLAP Server 8.2 | IBM DB2 OLAP API 8.2 |
| MS SQL Server Analysis Services 2000 SP3 | MS SQL Server OLAP Client 2000 SP3 |
| SAP BW Server 3.0b | SAP BW Front End 3.0b |
| SAP BW Server 3.1c | SAP BW Front End 3.1c |
| SAP BW Server 3.5 | SAP BW Front End 3.5 |

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Other Tools

LDAP Directory

- IBM Tivoli Directory Server 5.1
- IBM Tivoli Directory Server 5.2
- Lotus Domino Directory 6.0.2
- Lotus Domino Directory 6.5.3
- Microsoft Active Directory Application Mode 2003 (ADAM)
- Novell eDirectory 8.7.3
- Oracle Internet Directory 10g
- Sun Java System Directory Server 5.1
- Sun Java System Directory Server 5.2

Active Directory

- Microsoft Active Directory 2000
- Microsoft Active Directory 2003

Access Management

- eTrust (Netegrity) Siteminder 5.5
- eTrust (Netegrity) Siteminder 6.0

Office

- Windows Office 2000
- Windows Office 2000 SP3
- Windows Office 2000 SR1
- Windows Office 2003
- Windows Office 2003 SP1
- Windows Office 2003 SP2
- Windows Office XP
- Windows Office XP SP1
- Windows Office XP SP2
- Windows Office XP SP3

Admin Platform

- Citrix Metaframe XP 1.0 + FR3
- Citrix Metaframe XPE 1.0 + FR3

Product/Language Support on Citrix

Citrix is supported for desktop products, excluding BusinessObjects OLAP **Intelligence** Client and Set Architect.

Citrix is not supported for Chinese and Korean.

Reader

- Acrobat Reader 5.0
- Acrobat Reader 7.0

.NET Framework

- .NET 1.0
- .NET 1.1
- .NET 2.0

Development Platforms

- Visual Studio .NET 2002
- Visual Studio .NET 2003
- Visual Studio .NET 2005

Wireless – Hardware

- Pocket PC Hardware 2000

- Rim Blackberry OS 957 2.6

Wireless – Simulator

- Pocket PC Simulator 2003
- Rim Blackberry Simulator 3.6

Finding More Information

For more information and resources, refer to the product documentation and visit the support area of the web site at:

<http://www.businessobjects.com/>

► www.businessobjects.com

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