# Crystal Reports® 2008 with Service Pack 3 for Windows – Supported Platforms

**SAP**

## Applies to:

Crystal Reports® 2008 with Service Pack 3 for Windows.

## Summary

This document contains information specific to platforms and configurations for the Crystal Reports® 2008 SP3 release. For the latest information on updates to this document, please visit Business Objects Articles.

Note: Anything that is highlighted using red font indicates that it is an update, addition or correction made after the original release of this document.

## Table of Contents

## Products

- Crystal Reports® 2008 with Service Pack 3 Designer

## Languages

- Chinese Simplified

- Chinese Traditional

- Czech

- Dutch

- Danish

- English

- Finnish

- French

- German

- Hungarian

- Italian

- Japanese

- Korean

- Portuguese (Brazil)

- Slovakian

- Spanish

- Swedish

- Polish

- Norwegian

- Thai

- Russian

## Supported Operating Systems

| Operating System |
| --- |
| Windows 7 (All 32-bit and 64-bit Editions) |
| Windows Vista (All 32-bit and 64-bit Editions) |
| Windows Vista SP1 (All 32 bit and 64-bit Editions) |
| Windows XP SP2   Professional |
| Windows XP SP3   Professional |
| Windows Server 2003 R2 SP2 Datacenter Edition |
| Windows Server 2003 R2 SP2 Enterprise Edition |
| Windows Server 2003 R2 SP2 Standard Edition |
| Windows Server 2003 R2 SP2 Web Edition |
| Windows Server 2003 (x64 Edition) SP2 |
| Windows Server 2008 Datacenter Edition |
| Windows Server 2008 Enterprise Edition |
| Windows Server 2008 Standard Edition |
| Windows Server 2008 Web Edition |
| Windows Server 2008 SP2 |
| Windows Server 2008 R2 |

### Hardware Support

- Crystal Reports® is supported running on 32-bit versions of Windows running on x86 and x64 CPUs made by AMD and Intel.

- Crystal Reports® is supported running on 64-bit versions of Windows running on x64 CPUs made by AMD and Intel.

### Crystal Reports® and Microsoft Critical Patches

Business Objects supports and recommends install of all Microsoft critical patches for the operating systems listed above.  It is recommended to refer to the Business Objects policy on Microsoft patch support, which can be found on our support area site.

## Minimum Screen Resolution

- Screen resolution of [1024] x [768] is recommended.

## Minimum Hardware Requirements

- Intel Pentium III or equivalent processor

- 256 MB RAM, 512 MB recommended

- 700 MB available hard drive space

- CD-ROM drive (for CD install only)

## Supported Application Servers

### Applies To

All components within Crystal Reports that run within an application server, including:

- .NET HTML Viewers

- Java HTML Viewers

- Web-tier server support for ActiveX viewer and Java applet viewer

- Redistributable applications that embed the reporting engine

### Details

| Application Server | JDK |
|---|---|
| Microsoft IIS 7.0 | N/A |
| Microsoft IIS 6.0 | N/A |
| JBoss 4.2.3 | JDK 1.5.0_xx |
| Oracle Application Server 10gR3 (10.1.3) | JDK 1.5.0_xx |
| SAP NetWeaver 7.0 | JDK 1.4.2_xx |
| SAP NetWeaver 7.1 | JDK 1.5.0_xx |
| Tomcat 5.5 | JDK 1.5.0_xx |
| Tomcat 6.0 | JDK 1.5.0_xx |
| WebLogic 9.2 MP2 | JDK 1.5.0_xx JRockit 5.0+ |
| WebLogic 10 | JDK 1.5.0_xx JRockit 5.0+ |
| WebLogic 10.3 | JDK 1.6.0_xx |

| | JRockit 6.0+ |
|---|---|
| WebSphere Application Server 6.1.0.7 | JDK 1.5.0_xx |
| WebSphere Application Server 7 | JDK 1.6.0_xx |
| WebSphere Application Server Community Edition 2.0 | JDK 1.5.0_xx |

## Supported Operating Systems for Application Servers

Web application servers are supported only when installed on server operating systems. See the Supported Operating Systems section of this document. Windows XP and Windows Vista are not considered server operating systems.

## 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 _xx 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.

## Supported Browsers

### Applies To

All HTML viewers and the ActiveX Viewer (in IE only).

### Details

| Browser OS | Browser | JVM |
|---|---|---|
| Microsoft Windows | IE 6.0 SP2 | Sun 1.5.0_xx <br> Sun 1.6.0_02+ |
| | IE 7.0 | Sun 1.5.0_xx <br> Sun 1.6.0_02+ |
| | IE 8.0 | Sun 1.5.0_xx <br> Sun 1.6.0_xx |
| | Firefox 3.0 | Sun 1.5.0_xx <br> Sun 1.6.0_02+ |
| | Firefox 3.5 | Sun 1.5.0_xx <br> Sun 1.6.0_02+ |
| Apple Mac OS X | Safari 3.1 | Apple 1.5.0_xx <br> Apple 1.6.0_xx |
| | Safari 3.2.x | Apple 1.5.0_xx <br> Apple 1.6.0_xx |
| | Safari 4.0 | Apple 1.5.0_xx <br> Apple 1.6.0_xx |
| | Firefox 3.0 | Apple 1.5.0_xx <br> Apple 1.6.0_xx |
| | Firefox 3.5 | Apple 1.5.0_xx <br> Apple 1.6.0_xx |

## Data Source Middleware Support

BusinessObjects Enterprise Suite products that are compiled as 32-bit native binary are designed to use 32-bit data source middleware connectivity. Unless otherwise specified in the PAR, 64-bit middleware connectivity is not supported. Conversely, native 64-bit offerings of BusinessObjects Enterprise Suite products are designed to exclusively use 64-bit data source middleware connectivity.

Interoperability combinations between 32-bit / 64-bit releases of database client / server will be supported, so long as vendor compatibility between client middleware and server is guaranteed.

**SAP COMMUNITY NETWORK**      **SDN -** sdn.sap.com | **BPX -** bpx.sap.com | **BOC** - boc.sap.com

© 2008 SAP AG                                        7

## ODBC DSN Support

BusinessObjects products use the 32-bit ODBC registry on all versions of Windows. To administer 32-bit
ODBC DSNs on 64-bit versions of Windows, run the 32-bit ODBC Administrator, located here:
C:\Windows\SysWOW64\odbcad32.exe

## Database Support (OLAP)

| Provider Name | Data Connector | Unicode Support |
|---|---|---|
| Hyperion Essbase Server 7.1.x | Hyperion Essbase API 7.1.x | Yes |
| Hyperion System 9 | Hyperion Essbase client 9.0 | |
| | Hyperion Essbase client 9.2 | |
| | Hyperion Essbase client 9.3 | |
| Microsoft SQL Server Analysis Services 2000 SP4 | Microsoft SQL Server OLAP Client 2000 SP4 | Yes |
| Microsoft SQL Server Analysis Services 2005 SP1[1] | Microsoft SQL Server OLAP Client 2005 SP1 | Yes |
| Microsoft SQL Server Analysis Services 2005 SP2[1] | Microsoft SQL Server OLAP Client 2005 SP2 | Yes |
| Microsoft SQL Server Analysis Services 2008[2] | Microsoft SQL Server 2008 Analysis Services 10.0 <br><br> OLE DB Provider[2] | Yes |

(1) The minimum version level for MS SQL Server Analysis Services 2005 is SP1.  The 2005 RTM version is
not supported.

(2) Supported with Microsoft SQL Server 2008 Release Candidate 0 (RC0)

### OLAP Connectivity

Consuming OLAP is supported via direct connection only. OLAP Universes are not supported.

## Database Support (RDBMS)

| Provider Name | Data Connector | Unicode |
|---|---|---|
| Generic JDBC Sources[4] | Java 1.5 | Yes |
| Generic ODBC Sources[4] | ODBC | Yes |
| Generic OLEDB Sources[4] | OLEDB | Yes |
| GreenPlum Database 3.2 | PostgreSQL ODBC 8.2 | Yes |
| | PostgreSQL JDBC 8.2 | Yes |
| HP Neoview 2.3.1 | HP Neoview ODBC 2.3.1 | Yes |
| HP Neoview 2.4 | HP Neoview ODBC Driver 2.4 | Yes |
| IBM DB2/UDB for iSeries 5.4 | DB2 JDBC Universal Driver | Yes |
| | DB2 Connect 9.1 | Yes |
| | IBM iSeries Access  (ODBC) 5.4 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| IBM DB2/UDB for NT/Unix/Linux 8.2 | DB2 Client 8.2 | Yes |
| | IBM JDBC Universal Driver | Yes |
| | DB2 OLEDB 8.2 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| IBM DB2/UDB for NT/Unix 9.1 | DB2 Client 9.1 | Yes |
| | IBM JDBC Universal Driver | Yes |
| | DB2 OLEDB 9.1 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| IBM DB2/UDB for NT/Unix/Linux 9.5 | DB2 Client 9.5 | Yes |
| | DB2 JDBC Universal Driver | Yes |
| | DB2 OLEDB 9.5 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| IBM DB2/UDB for zSeries 8 | DB2 Connect 8.2 | Yes |
| | DB2 universal JDBC Driver | Yes |
| | DataDirect ODBC 5.3[1] | Yes |

| | | |
|---|---|---|
| IBM DB2/UDB for zSeries 9.1 | DB2 Connect 9.1 | Yes |
| IBM Informix Dynamic Server 10.0 | IBM Informix ODBC SDK 2.90 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| | IDS Client 10.0 | |
| IBM Informix Dynamic Server 11.1 | IBM Informix ODBC SDK 3.50 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| | IDS Client 11.1 | |
| IBM Informix Dynamic Server 11.5 | IBM Informix ODBC SDK 3.50 | Yes |
| | IDS Client 11.5 | |
| Ingres 2006 | Ingres ODBC 3.5 | Yes |
| Microsoft Access 2003 | DAO 3.6 | Yes |
| | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| Microsoft Access 2007 (.accdb) | 2007 Office System Driver: ODBC | Yes |
| | 2007 Office System Driver: OLEDB | Yes |
| Microsoft Access 2010 (.accdb) | 2010 Office System Driver: ODBC | |
| | 2010 Office System Driver: OLEDB | |
| Microsoft SQL Server 2000 SP4 | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| | SQL Server 2000 JDBC Driver | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| Microsoft SQL Server 2005 RTM/SP1/SP2 | Microsoft ODBC MDAC 2.8 | Yes |
| | Microsoft OLEDB MDAC 2.8 | Yes |
| | Microsoft ODBC SNAC (Native Client) | Yes |
| | Microsoft OLEDB SNAC (Native Client) | Yes |

|  | SQL Server 2005 JDBC Driver | Yes |
|---|---|---|
|  | DataDirect ODBC 5.3[1] | Yes |
| Microsoft SQL Server 2008[7] | JDBC SQL Server 2008 | 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 |
| MySQL AB 5.0 | MySQL Connector/ODBC 5.1.4 | Yes |
|  | MySQL Connector/J (JDBC) 5.0 | Yes |
| NCR Teradata V2R6.2 | NCR Teradata ODBC 3.06 (TTU 8.2) | Yes |
|  | NCR Teradata JDBC 3.04 (TTU 8.2) | Yes |
| Teradata 12.0 | Teradata ODBC TTU 12.00.00.10 | Yes |
|  | Teradata JDBC TTU 12.00.00.10 | Yes |
| Teradata 13.0 | Teradata ODBC TTU 13 | Yes |
|  | Teradata JDBC TTU 13 | Yes |
| Netezza NPS Server 4.0 | Netezza ODBC 4.01 | Yes |
|  | Netezza JDBC Access | Yes |
| Netezza NPS Server 4.5 | Netezza ODBC 4.5 | Yes |
|  | Netezza JDBC 4.5 | Yes |
| Oracle 9.2 | Oracle Native Client 9.2 | Yes |
|  | JDBC Oracle 9.2[3] | Yes |
|  | ODBC Oracle 9.2[3] | Yes |
|  | OLEDB Oracle 9.2[3] | Yes |
|  | DataDirect ODBC 5.3[1] | Yes |
| Oracle 10g R1 (10.1) | Oracle Native Client 10.1 | Yes |

| | | |
|---|---|---|
| | JDBC Oracle 10.1 | Yes |
| | ODBC Oracle 10.1 | Yes |
| | OLEDB Oracle 10.1 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| Oracle 10g R2(10.2) | Oracle Native Client 10.2 | Yes |
| | JDBC Oracle 10.2 | Yes |
| | ODBC Oracle 10.2 | Yes |
| | OLEDB Oracle 10.2 | Yes |
| | DataDirect ODBC 5.3[1] | Yes |
| Oracle 11g R1 (11.1)[2] | JDBC Oracle 11G R1 | Yes |
| | ODBC Oracle 11G R1 | Yes |
| | OLEDB Oracle 11G R1 | Yes |
| | Oracle Native Client 11G R1 | Yes |
| Progress OpenEdge 10.0B | OpenEdge 10.0B ODBC | Yes |
| | OpenEdge 10.0B JDBC | Yes |
| PostgreSQL 8.2 | PostgreSQL 8.2 ODBC | Yes |
| | PostgreSQL 8.2 JDBC | Yes |
| Sybase ASE 15 | Sybase Open Client 15 | |

(1) DataDirect drivers for Crystal Reports are available from Business Objects. See the Crystal Reports Start Page for download details.

(2) Oracle Real Application Cluster (RAC) is supported

(3) Data connectivity is assumed to be single-threaded.  Customers are recommended not to use these drivers in concurrent on-demand scenarios since reports will be handled serially.

(4) 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.

## Database Support (Technology)

| Provider Name | Data Connector | Unicode Support |
|---|---|---|
| ACT 6 | ACT 6 | |
| ADO .NET | Microsoft .NET Framework 1.0 | Yes |
| | Microsoft .NET Framework 1.1 | Yes |
| | Microsoft .NET Framework 2.0 | Yes |
| Borland Database Engine 5.1 | BDE 5.1 | |
| COM | N/A | Yes |
| Microsoft Exchange 5.5 | Crystal Reports Outlook/Exchange driver | |
| Microsoft Exchange 2000 | Crystal Reports Outlook/Exchange driver | |
| Microsoft Exchange 2003 | Crystal Reports Outlook/Exchange driver | Yes |
| Microsoft Excel 2000 | DAO 3.6 | Yes |
| | ODBC | Yes |
| | OLEDB | Yes |
| Microsoft Excel 2003 | DAO 3.6 | Yes |
| | ODBC | Yes |
| | OLEDB | Yes |
| Microsoft Excel 2007[1] | ODBC | Yes |
| | OLEDB | Yes |
| Microsoft Excel 2010[1] | ODBC | Yes |

| | OLEDB | Yes |
|---|---|---|
| Field Definitions | N/A | Yes |
| File System | N/A | Yes |
| Java Bean | JDK 1.5 | Yes |
| Lotus Notes 6 | ODBC Lotus Notes 6 | Yes |
| Lotus Notes 7 | ODBC Lotus Notes 7 | Yes |
| Microsoft IIS Log | N/A | |
| Microsoft Outlook 2000 | Crystal Reports Outlook/Exchange driver | Yes |
| | Crystal Reports Outlook driver | |
| Microsoft Outlook 2003 | Crystal Reports Outlook/Exchange driver | Yes |
| | Crystal Reports Outlook driver | |
| Microsoft Outlook 2007 | Crystal Reports Outlook/Exchange driver | Yes |
| | Crystal Reports Outlook driver | |
| 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 10 | ODBC Pervasive 10 | Yes |
| | OLE DB Pervasive 10 | Yes |
| | JDBC Pervasive 10 | Yes |
| | Pervasive SQL Client 10 | Yes |
| Salesforce.com | Crystal Reports Salesforce.com driver | Yes |
| Text | ODBC | Yes |
| Web Log | N/A | |
| xBase | N/A | |
| XML | Crystal Reports XML and | Yes |

| | Web Services driver | |
|---|---|---|
| Web Services | Crystal Reports XML and Web Services driver | Yes |
| | | |

(1) DAO technology cannot be used to access the Microsoft Office 2007 file formats: Microsoft Access 2007 .accdb, Microsoft Excel 2007 .xlsx (XML) and .xlsb (Binary). These file formats are supported via the Microsoft 2007 Office System drivers for ODBC and OLEDB.

## Support for SAP Application Servers

BusinessObjects XI Integration for SAP Solutions must be installed in order to use an SAP application server as a data source. For the latest information on SAP platforms required by BusinessObjects XI Integration for SAP Solutions, please visit the support area of the website.

The following list of products is applicable to SAP application server support:

- Crystal Reports (OLAP and Relational)
- Dashboard Builder (OLAP)
- Live Office (OLAP and Relational)
- QaaWS (OLAP)
- Voyager (OLAP)
- Web Intelligence (OLAP)

## Other Tools

### Microsoft Office

- Microsoft Office 2010
- Microsoft Office 2007
- Microsoft Office 2003 SP2
- Microsoft Office XP SP3
- Microsoft Office XP SP2

### Adobe Reader

- Adobe Reader 8
- Acrobat Reader 9

## Adobe Flash Player

- Adobe Flash Player 9

Only required for viewing Flash objects embedded in a Crystal Report

## Citrix Support

- Citrix Presentation Server 4

Citrix is not supported for Chinese and Korean

## Microsoft .NET Framework

- .NET 1.1

- .NET 2.0

- .NET 3.0

- .NET 3.5

## Development Platforms

This section refers to the Visual Studio components that are included in Crystal Reports.

- Visual Studio 2003

- Visual Studio 2005

- Visual Studio 2008

These components are not supported when running in Visual Studio 2003 on Windows Vista, since Visual Studio 2003 doesn't support Windows Vista. For more information see the Microsoft Visual Studio and Windows Vista FAQ here: http://msdn2.microsoft.com/en-us/vstudio/aa948854.aspx

## Related Content

For the latest information on updates to this document, please visit [Business Objects Articles](#)

## Copyright