

# Crystal Reports® 2008 with Service Pack 5 for Windows – Supported Platforms



## Applies to:

Crystal Reports® 2008 with Service Pack 5 for Windows.

## Summary

This document contains information specific to platforms and configurations for the Crystal Reports® 2008 SP5 release. For the latest information on updates to this document, please visit [Business Objects Articles](#).

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**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.

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## Products

- Crystal Reports® 2008 with Service Pack 5 Designer

## Languages

- Chinese Simplified
- Chinese Traditional
- Czech
- Danish
- Dutch
- English
- Finnish
- French
- German
- Hungarian
- Italian
- Japanese
- Korean
- Norwegian
- Polish
- Portuguese (Brazil)
- Slovak
- Slovene
- Spanish
- Swedish
- Russian
- Thai

## Supported Operating Systems

Operating System
Windows XP SP3 Professional
Windows Vista SP2 (1)
Windows 7 (1)
Windows 7 SP1 (1)
Windows Server 2003 SP2 (1) (2)
Windows Server 2003 R2 SP2 (1) (2)
Windows Server 2008 SP2 (1) (2)
Windows Server 2008 R2 (2) (3)
Windows Server 2008 R2 SP1 (2) (3)

(1) 32-bit and 64-bit O/S editions supported.

(2) Data Center Edition, Enterprise Edition, Standard Edition, Web Edition

(3) 64-bit O/S editions supported

### 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

<b>Application Server</b>	<b>JDK</b>
Microsoft IIS 6.0	N/A
Microsoft IIS 7.0	N/A
Microsoft IIS 7.5	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
SAP NetWeaver 7.3	JDK 1.6.0_xx
Tomcat 5.5	JDK 1.5.0_xx
Tomcat 6.0.18	JDK 1.5.0_xx
Tomcat 6.0.18	JDK 1.6.0_xx
WebLogic 10	JDK 1.5.0_xx JRocket 5.0+
WebLogic 10.3	JDK 1.6.0_xx JRocket 6.0+
WebLogic 10.3.3	JDK 1.6.0_xx

	JRokit 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 SP3	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 7.0	Sun 1.5.0_xx Sun 1.6.0_02+
	IE 8.0	Sun 1.5.0_xx Sun 1.6.0_xx
	IE 9.0	Sun 1.5.0_xx Sun 1.6.0_xx
	Firefox 3.6	Sun 1.5.0_xx Sun 1.6.0_02+
	Firefox 8	Sun 1.5.0_xx Sun 1.6.0_02+
Apple Mac OS X	Safari 5	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.

## 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
Hyperion Essbase Server 7.1.x	Hyperion Essbase API 7.1.x
Hyperion System 9	Hyperion Essbase client 9.0
	Hyperion Essbase client 9.2
	Hyperion Essbase client 9.3
	Hyperion Essbase client 11
Microsoft SQL Server Analysis Services 2000 SP4	Microsoft SQL Server OLAP Client 2000 SP4
Microsoft SQL Server Analysis Services 2005 SP1 <sup>1</sup>	Microsoft SQL Server OLAP Client 2005 SP1
Microsoft SQL Server Analysis Services 2005 SP2 <sup>1</sup>	Microsoft SQL Server OLAP Client 2005 SP2
Microsoft SQL Server Analysis Services 2008 <sup>2</sup>	Microsoft SQL Server 2008 Analysis Services 10.0 OLE DB Provider <sup>2</sup>

(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
Generic JDBC Sources <sup>6</sup>	Java 1.5
Generic ODBC Sources <sup>6</sup>	ODBC
Generic OLEDB Sources <sup>6</sup>	OLEDB
GreenPlum Database 3.2	PostgreSQL ODBC 8.2
	PostgreSQL JDBC 8.2
HP Neoview 2.3.1	HP Neoview ODBC 2.3.1
HP Neoview 2.3.3	HP Neoview ODBC 2.3.1
HP Neoview 2.4	HP Neoview ODBC Driver 2.4
IBM DB2/UDB for iSeries 5.4	DB2 JDBC Universal Driver
	DB2 Connect 9.1
	IBM iSeries Access (ODBC) 5.4
	DataDirect ODBC 5.3 <sup>1</sup>
IBM DB2/UDB for NT/Unix 9.1 <sup>4</sup>	DB2 Client 9.1
	IBM JDBC Universal Driver
	DB2 OLEDB 9.1
	DataDirect ODBC 5.3 <sup>1</sup>
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5
	DB2 JDBC Universal Driver
	DB2 OLEDB 9.5
	DataDirect ODBC 5.3 <sup>1</sup>
IBM DB2/UDB for NT/Unix/Linux 9.7	DB2 Client 9.7
	DB2 JDBC Universal Driver
IBM DB2/UDB for NT/Unix/Linux 9.8 <sup>5</sup>	DB2 Client 9.5 <sup>5</sup>
	DB2 JDBC Universal Driver
IBM DB2/UDB for zSeries 8	DB2 Connect 8.2
	DB2 universal JDBC Driver

	DataDirect ODBC 5.3 <sup>1</sup>
IBM DB2/UDB for zSeries 9.1	DB2 Connect 9.1
IBM DB2/UDB for zSeries 10	DB2 Connect 9.1
IBM Informix Dynamic Server 11.5	IBM Informix ODBC SDK 3.50
	IDS Client 11.5
Ingres 2006	Ingres ODBC 3.5
Microsoft Access 2003	DAO 3.6
	Microsoft ODBC MDAC 2.8
	Microsoft OLEDB MDAC 2.8
Microsoft Access 2007 (.accdb)	2007 Office System Driver: ODBC
	2007 Office System Driver: OLEDB
Microsoft Access 2010 (.accdb)	2010 Office System Driver: ODBC
	2010 Office System Driver: OLEDB
Microsoft SQL Server 2000 SP4	Microsoft ODBC MDAC 2.8
	Microsoft OLEDB MDAC 2.8
	SQL Server 2000 JDBC Driver
	DataDirect ODBC 5.3 <sup>1</sup>
Microsoft SQL Server 2005 SP1/SP2/SP3	Microsoft ODBC MDAC 2.8
	Microsoft OLEDB MDAC 2.8
	Microsoft ODBC SNAC (Native Client)
	Microsoft OLEDB SNAC (Native Client)
	SQL Server 2005 JDBC Driver
	DataDirect ODBC 5.3 <sup>1</sup>
Microsoft SQL Server 2008	JDBC SQL Server 2008
	Microsoft ODBC MDAC 2.8
	Microsoft ODBC SNAC (Native Client)
	Microsoft OLEDB MDAC 2.8

	Microsoft OLEDB SNAC (Native Client)
MySQL AB 5.1	MySQL AB ODBC 5.1
	MySQL AB JDBC 5.1
NCR Teradata V2R6.2	NCR Teradata ODBC 3.06 (TTU 8.2)
	NCR Teradata JDBC 3.04 (TTU 8.2)
Teradata 12.0	Teradata ODBC TTU 12.00.00.10
	Teradata JDBC TTU 12.00.00.10
Teradata 13.0	Teradata ODBC TTU 13.00.00.2
	Teradata JDBC TTU 13.00.00.7
Teradata 13.1	Teradata ODBC TTC 13.1
	Teradata JDBC TTC 13.1
<b>Teradata 14.0</b>	<b>Teradata ODBC TTC 13.1<sup>7</sup></b>
	<b>Teradata JDBC TTC 13.1<sup>7</sup></b>
Netezza NPS Server 4.0	Netezza ODBC 4.01
	Netezza JDBC Access
Netezza NPS Server 4.5	Netezza ODBC 4.5
	Netezza JDBC 4.5
Netezza Server 5.0	Netezza ODBC 5.0
	Netezza JDBC 5.0
Netezza Server 6.0	Netezza ODBC 5.0
	Netezza JDBC 5.0
Oracle 10g R2(10.2)	Oracle Native Client 10.2
	JDBC Oracle 10.2
	ODBC Oracle 10.2
	OLEDB Oracle 10.2

	DataDirect ODBC 5.3 <sup>1</sup>
Oracle 11g R1 (11.1) <sup>2</sup>	JDBC Oracle 11G R1
	ODBC Oracle 11G R1
	OLEDB Oracle 11G R1
	Oracle Native Client 11G R1
Oracle 11g R2 (11.2) <sup>2</sup>	JDBC Oracle 11G R2
	ODBC Oracle 11G R2
	OLEDB Oracle 11G R2
	Oracle Native Client 11G R2
Progress OpenEdge 10.1B	OpenEdge 10.1B ODBC
	OpenEdge 10.1B JDBC
PostgreSQL 8.2	PostgreSQL 8.2 ODBC
	PostgreSQL 8.2 JDBC
Sybase ASE 15	Sybase Open Client 15
Sybase ASE 15.5	Sybase Open Client 15.5
Sybase ASE 15.7	Sybase Open Client 15.7
Sybase IQ 15.1	Sybase ODBC for IQ 15.1
Sybase IQ 15.2	Sybase ODBC for IQ 15.2
Sybase IQ 15.3	Sybase ODBC for IQ 15.3
Sybase IQ 15.4	Sybase ODBC for IQ 15.4
Sybase SQL Anywhere 12.0.1	SQL Anywhere ODBC Driver 12.0.1
SAP HANA 1.0 SP02	HANA ODBC 1.0

	HANA JDBC 1.0
SAP HANA 1.0 SP03	HANA ODBC 1.0
	HANA JDBC 1.0

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

(5) Compatible support with [respect](#) to IBM DB2/UDB for LUW 9.5

(6) 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.

(7) Compatible support

## Database Support (Technology)

Provider Name	Data Connector
ACT 6	ACT 6
ADO .NET	Microsoft .NET Framework 1.0
	Microsoft .NET Framework 1.1
	Microsoft .NET Framework 2.0
Borland Database Engine 5.1	BDE 5.1
COM	N/A

Microsoft Exchange 2000	Crystal Reports Outlook/Exchange driver
Microsoft Exchange 2003	Crystal Reports Outlook/Exchange driver
Microsoft Exchange 2007	Crystal Reports Outlook/Exchange driver
Microsoft Exchange 2010	Crystal Reports Outlook/Exchange driver
Microsoft Excel 2000	DAO 3.6
	ODBC
	OLEDB
Microsoft Excel 2003	DAO 3.6
	ODBC
	OLEDB
Microsoft Excel 2007 <sup>1</sup>	ODBC
	OLEDB
Microsoft Excel 2010 <sup>1</sup>	ODBC
	OLEDB
Field Definitions	N/A
File System	N/A
Java Bean	JDK 1.5
Lotus Notes 6	ODBC Lotus Notes 6
Lotus Notes 7	ODBC Lotus Notes 7
Microsoft IIS Log	N/A
Microsoft Outlook 2000	Crystal Reports Outlook/Exchange driver
	Crystal Reports Outlook driver
Microsoft Outlook 2003	Crystal Reports Outlook/Exchange driver
	Crystal Reports Outlook driver
Microsoft Outlook 2007	Crystal Reports Outlook/Exchange driver

	Crystal Reports Outlook driver
Microsoft Outlook 2010	Crystal Reports Outlook/Exchange driver
	Crystal Reports Outlook driver
NT Event Log	N/A
Pervasive SQL 2000	ODBC Pervasive 2000
	Pervasive SQL Client 2000
Pervasive SQL 8	ODBC Pervasive 8
Pervasive SQL 10	ODBC Pervasive 10
	OLE DB Pervasive 10
	JDBC Pervasive 10
	Pervasive SQL Client 10
Salesforce.com	Crystal Reports Salesforce.com driver
Text	ODBC
Web Log	N/A
xBase	N/A
XML	Crystal Reports XML and Web Services driver
Web Services	Crystal Reports XML and Web Services driver

(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
- Acrobat Reader 9.1.x - 9.2.x
- Acrobat Reader 9.3
- Acrobat Reader X (10.0)

### Adobe Flash Player

- Adobe Flash Player 9

Only required for viewing Flash objects embedded in a Crystal Report

### Desktop Virtualization Support

- Citrix Presentation Server 4 (1)
- Citrix Presentation Server 4.5 – 5
- Windows Terminal Services (2)

(1) Citrix is not supported for Chinese and Korean

(2) Windows Terminal Services is supported on the versions of Windows Server listed in the Supported Operating Systems section above.

## 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>

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