

# Crystal Reports Server 2008 V1 Service Pack 3 for Windows – Supported Platforms



## Applies to:

Crystal Reports Server 2008 V1 Service Pack 3 for Windows. For more information, visit the [Business Objects homepage](#).

## Summary

This document contains information specific to platforms and configurations for the Crystal Reports Server 2008 V1 Service Pack 3 release

**Company:** SAP

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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

### Desktop

- Crystal Reports Server 2008 V1 Client Tools(Win32 clients)
- SAP Business Objects™ Live Office (1)
- Crystal Reports® Designer 2008

(1) .Net Framework 2.0 is a necessary minimum requirement.

### Server

- Crystal Reports Server 2008 V1 (Server Components)

### Languages

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

## Supported Operating Systems

### Desktop Products

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

(1) 32-bit and 64-bit O/S editions supported(No Native 64 bit support, only 64 bit compatibility mode)

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

### Server Products

- Windows Server 2003 SP2 (1) (2)
- Windows Server 2003 R2 SP2 (1) (2)
- Windows Server 2008 (1) (2)
- Windows Server 2008 SP2 (1) (2)
- Windows Server 2008 R2 (2) (3)

(1) 32-bit and 64-bit O/S editions supported(No Native 64 bit support, only 64 bit compatibility mode)

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

## SAP Business Objects and Microsoft Critical Patches

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

Specified Windows versions have been successfully tested by Business Objects. The compatible service pack releases of the specified versions will be supported as they are made available, but may not have been tested by Business Objects. Exceptions in support will be documented

## Minimum Screen Resolution

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

## Minimum Hardware Requirements for Crystal Reports Server 2008 V1

- 2.0 GHz Pentium 4-class processor
- 2 GB RAM
- 5.6 GB hard disk space for Crystal Reports Server 2008 V1 for complete install excluding Data Services

Note 1: Crystal Reports Server 2008 V1 software is supported running on 32-bit versions of Windows running on x86 and x64 CPUs made by AMD and Intel.

Crystal Reports Server 2008 V1 software is supported running on 64-bit versions of Windows running on x64 CPUs made by AMD and Intel if it can reference the 32-bit operating system libraries as well as the 32-bit database and application client libraries ..

Note 2: Additional languages can be installed in Crystal Reports Server 2008 V1 via Language Pack Install. On average, an additional 0.3 GB hard disk space is required per language install

## Supported Application Servers

Application Servers	JDK
JBoss 4.2.3 (4)	JDK 1.5.0_xx
Microsoft IIS 7.5 (3) (4)	N/A
Microsoft IIS 7.0 (3) (4)	N/A
Microsoft IIS 6.0 (3) (4)	N/A
Oracle Application Server 10gR3 (10.1.3) (1) (4)	JDK 1.5.0_xx
SAP NetWeaver 7.0 (2) (4)	JDK 1.4.2_xx
SAP NetWeaver 7.1	JDK 1.5.0_xx
Tomcat 5.5	JDK 1.5.0_xx
Tomcat 6.0.18 (4)	JDK 1.5.0_xx
WebLogic 9.2 MP2 (4)	JDK 1.5.0_xx JRockit 5.0+
WebLogic 10	JDK 1.5.0_xx JRockit 5.0+
WebLogic 10.3 (4)	JDK 1.6.0_xx JRockit 6.0+
WebSphere Application Server 6.1.0.7	JDK 1.5.0_xx
WebSphere Application Server 7 (4)	JDK 1.6.0_xx
WebSphere Application Server Community Edition 2.0 (4)	JDK 1.5.0_xx

(1) Please see release notes on the minimum version supported for Dashboard and Analytics.

(2) Not supported for Web Services.

(3) Not supported for Dashboard Builder.

(4) Not supported for Xcelsius Query as a Web Services Endpoint

Note: Native 64-bit Java Application Servers are supported.

### 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.

### Supported HTTP Servers

Any supported by Application Server vendor.

### Supported Portal Servers

- Microsoft SharePoint Portal Server 2003 (32-bit editions only) (1) (2)
- Microsoft Windows SharePoint Services (WSS 2.0) 2003 (32-bit only) (1) (2)
- Microsoft SharePoint Portal Server 2007 (32-bit editions only) (1) (2)
- Microsoft Windows SharePoint Services (WSS 3.0) 2007 (32-bit only) (1) (2)
- Oracle Portal Server 10g R3 (10.1.4) (JSR 168)
- WebLogic Portal Server 9.2.x (JSR168)
- WebLogic Portal Server 10.0.x (JSR168)
- WebSphere Portal 6.0.x.x (JSR 168)
- **WebSphere Portal 6.1 (JSR 286)**

(1) Portal Integration Kit for SharePoint supports 32-bit SharePoint running on either 32-bit or 64-bit Windows Servers provided SharePoint itself supports the operating system.

(2) Danish, Thai & Norwegian languages are not supported

### Portal Server Minor Release Support Policy

Specified portal servers versions have been successfully tested by Business Objects. Minor/incremental releases of the specified versions defined by the last number (or two in the case of Websphere) in the portal server version number will be supported as they are made available, but all may not have been tested by SAP Business Objects . Exceptions in support will be documented.

## Supported Browsers

Browser OS	Browser	JVM
Apple Mac OS X	Firefox 3.0	Apple 1.5.0_xx Apple 1.6.0_xx
	Firefox 3.5	Apple 1.5.0_xx Apple 1.6.0_xx
	Safari 3.2.x (1)	Apple 1.5.0_xx Apple 1.6.0_xx
	Safari 4.0.3+ (1)	Apple 1.5.0_xx Apple 1.6.0_xx
Microsoft Windows	Firefox 3.0	Sun 1.5.0_xx Sun 1.6.0_02+
	Firefox 3.5	Sun 1.5.0_xx Sun 1.6.0_xx
	IE 6.0 SP2 / 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 (2)	Sun 1.6.0_xx

(1) Not Supported by Performance Management.

(2) Only Compatibility Mode Supported

### SVG and Flash support for Dashboard and Analytics

- SVG is not supported by Dashboard and Analytics for Firefox and Safari 4.0.
- SVG version 3.0.3 and above supported for Internet Explorer.
- Flash version 7 and above supported for Internet Explorer and Firefox.

### Data Source Middleware Support

Crystal Reports Server 2008 V1 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 Supported Platforms, 64-bit middleware connectivity is not supported.

### ODBC DSN Support

SAP Business Objects 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

## CMS Database (Repository) & Audit Databases

Provider Name	Data Connector
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2
IBM DB2/UDB for NT/Unix/Linux 9.1	DB2 Client 9.1
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5
MS SQL Server 2000 SP4	Microsoft ODBC MDAC 2.8
MS SQL Server 2005 SP1/SP2/SP3	Microsoft ODBC MDAC 2.8
	Microsoft ODBC SNAC (Native Client)
MS SQL Server 2008	Microsoft ODBC MDAC 2.8
	Microsoft ODBC SNAC (Native Client)
MySQL AB 5.0	MySQL C-API
Oracle 9.2	Oracle Net Client 9.2
Oracle 10g R1 (10.1)	Oracle Net Client 10.1 (1)
Oracle 10g R2 (10.2)	Oracle Net Client 10.2 (1)
Oracle 11g R1 (11.1)	Oracle Net Client (11.1.0.6) (1)
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15

- (1) Oracle Real Application Cluster (RAC) is supported.
- (2) For more information about support of Oracle 11g R1 with Oracle Net Client 10.2, please refer to the Release Notes.

## Supported Data Sources for Crystal Reports

Provider Name	Data Connector	Unicode Support
<b>OLAP</b>		
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 2000 Analysis Services 8.0 OLE DB Provider SP4	
Microsoft SQL Server Analysis Services 2005 SP1	Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider SP1	



Provider Name	Data Connector	Unicode Support
Microsoft SQL Server Analysis Services 2005 SP2	Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider SP2	
Microsoft SQL Server Analysis Services 2008	Microsoft SQL Server 2008 Analysis Services 10.0 OLE DB Provider	
<b>RDBMS</b>		
Generic JDBC Data Sources	Java 1.5	Yes
Generic ODBC Data Sources	ODBC	Yes
Generic OLEDB Data Sources	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 5.3	DB2 Client 8.2	Yes
	IBM iSeries Access (ODBC) 5.3	Yes
	DB2 JDBC Universal Driver	Yes
	IBM iSeries Access (OLEDB) 5.3	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for iSeries 5.4	DB2 Connect 9.1	
	IBM iSeries Access (ODBC) 5.4	
	DB2 Universal JDBC Driver	
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 8.2	DB2 Client 8.2	Yes
	DB2 JDBC 8.2	Yes
	DB2 OLEDB 8.2	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 9.1 (1)	DB2 Client 9.1	Yes
	DB2 JDBC 9.1	Yes
	DB2 OLEDB 9.1	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM DB2/UDB for NT/Unix/Linux 9.5	DB2 Client 9.5	
	DB2 Universal JDBC Driver	Yes
	DB2 OLEDB 9.5	Yes
	DataDirect ODBC 5.3 (1)	Yes
IBM DB2/UDB for zSeries 7	DB2 Client 8.1	Yes

Provider Name	Data Connector	Unicode Support
	DB2 ODBC Client 8.1	Yes
	DataDirect ODBC 5.3 (3)	Yes
IBM/DB2/UDB for zSeries 8	DB2 Client 8.2	Yes
	DB2 Universal JDBC Driver (5)	Yes
	DataDirect ODBC 5.3 (3)	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 (3)	Yes
IBM Informix Dynamic Server 11.1	IBM Informix ODBC SDK 3.50	Yes
	DataDirect ODBC 5.3 (3)	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	2007 Office System Driver: ODBC	Yes
	2007 Office System Driver: OLEDB	Yes
Microsoft SQL Server 2000 SP4	JDBC SQL Server 2000	Yes
	Microsoft ODBC MDAC 2.8	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	DataDirect ODBC 5.3 (3)	Yes
Microsoft SQL Server 2005 SP1/SP2/SP3	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
	DataDirect ODBC 5.3 (3)	Yes
Microsoft SQL Server 2008	JDBC SQL Server 2008	Yes
	Microsoft ODBC MDAC 2.8	Yes

Provider Name	Data Connector	Unicode Support
	Microsoft ODBC SNAC (Native Client)	Yes
	Microsoft OLEDB MDAC 2.8	Yes
	Microsoft OLEDB SNAC (Native Client)	Yes
MySQL AB 5.0	MySQL AB ODBC 5.1.4	Yes
	MySQL AB 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)	
Teradata V12.0	Teradata ODBC TTU 12.00.00.01	Yes
	Teradata JDBC TTU 12.00.00.01	Yes
Teradata 13.0	Teradata ODBC (TTU 13.00.00.2)	Yes
	Teradata JDBC (TTU 13.00.00.7)	Yes
Netezza NPS Server 3.0	Netezza ODBC 3.0	Yes
Netezza NPS Server 3.1	Netezza ODBC 3.1	Yes
	Netezza JDBC Access	
Netezza NPS Server 4.0	Netezza ODBC 4.01	Yes
	Netezza JDBC Access	
Netezza NPS Server 4.5	Netezza ODBC 4.5	Yes
	Netezza JDBC 4.5	
Oracle 11g R1 (11.1)	JDBC Oracle 11G R1 (4)	Yes
	ODBC Oracle 11G R1 (4)	Yes
	OLEDB Oracle 11G R1 (4)	Yes
	Oracle Net Client 11G R1 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	Yes
Oracle 10g R1 (10.1)	JDBC Oracle 10.1 (4)	Yes
	ODBC Oracle 10.1 (4)	Yes
	OLEDB Oracle 10.1 (4)	Yes
	Oracle Net Client 10.1 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	Yes
Oracle 10g R2 (10.2)	JDBC Oracle 10.2 (4)	Yes
	ODBC Oracle 10.2 (4)	Yes
	OLEDB Oracle 10.2 (4)	Yes
	Oracle Net Client 10.2 (4)	Yes
	DataDirect ODBC 5.3 (3) (4)	Yes
Oracle 9.2	JDBC Oracle 9.2	Yes

Provider Name	Data Connector	Unicode Support
	ODBC Oracle 9.2	Yes
	OLEDB Oracle 9.2	Yes
	Oracle Net Client 9.2	Yes
	DataDirect ODBC 5.3 (3)	Yes
Progress OpenEdge 10.0B	OpenEdge SQL 10.0B ODBC	Yes
	OpenEdge SQL 10.0B JDBC	Yes
PostgreSQL 8.2	PostgreSQL 8.2 ODBC	Yes
	PostgreSQL 8.2 JDBC	Yes
Sybase Adaptive Server Enterprise 12.5	JDBC Sybase 12.5	Yes
	ODBC Sybase 12.5	Yes
	Sybase Open Client 12.5	
	DataDirect ODBC 5.3 (3)	Yes
Sybase Adaptive Server Enterprise 15	Sybase Open Client 15	
<b>Technology</b>		
ADO. NET	MS .NET Framework 1.0	Yes
	MS .NET Framework 1.1	Yes
	MS .NET Framework 2.0	Yes
COM	N/A	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 (2)	ODBC	
	OleDb	
Microsoft Exchange 2000	Crystal Reports Outlook/Exchange driver	
Microsoft Exchange 2003	Crystal Reports Outlook/Exchange driver	Yes
Field Definitions	N/A	Yes
Java Bean	JDK 1.5	Yes
Salesforce.com	Crystal Reports Salesforce.com driver	
XML	JDK 1.5	Yes

- (1) IBM DB2 v9.1 requires a minimum of Windows 2003 SP1 to be the Operating System for Windows deployments.
- (2) 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 ODBC and OLEDB.
- (3) DataDirect drivers for Crystal Reports are available from Business Objects. See the Crystal Reports Start Page for download details.
- (4) Oracle Real Application Cluster (RAC) is supported.
- (5) Supported for all operating systems listed in the Supported Operating Systems section, except Linux (Red Hat/SUSE).

### Crystal Reports Reporting Data Sources Supported for Scheduling Only

Provider Name	Data Connector	Unicode Support
<b><i>RDBMS</i></b>		
IBM Informix Dynamic Server 10.0	IDS Client 10.0	
<b><i>Technology</i></b>		
ACT 6	ACT 6	
Borland Database Engine 5.1	BDE 5.1	
Microsoft Exchange 5.5	Crystal Reports Outlook/Exchange driver	
File System	N/A	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	Microsoft Office 2000	
Microsoft Outlook 2003	Microsoft Office 2003	
Microsoft Outlook 2007	Microsoft Office 2007	
NT Event Log	N/A	
Pervasive SQL 2000	ODBC Pervasive 2000	Yes
	Pervasive SQL Client 2000	
Pervasive SQL 8	ODBC Pervasive 8	Yes
<b>Pervasive SQL 10</b>	<b>ODBC Pervasive 10</b>	<b>Yes</b>

Provider Name	Data Connector	Unicode Support
	OLEDB Pervasive 10	Yes
	JDBC Pervasive 10	Yes
	Pervasive SQL Client 10	Yes
Salesforce.com	Crystal Reports Salesforce.com driver	
Text	DataDirect ODBC 5.3	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.

### Generic ODBC, OLEDB and JDBC: Limitation

(OLEDB and JDBC Supported for Crystal Reports Only)

(ODBC Supported for Crystal Reports, Desktop Intelligence and Web Intelligence Only)

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.

### Support for Integration Option for Microsoft SharePoint software

Please refer to the [Integration Option for Microsoft SharePoint software supported platform document](#) for more information.

## Other Tools

### Reverse Proxy Servers

- Apache HTTP Server 2.2
- WebSEAL 6.0 (from IBM Tivoli Access Manager)
- Microsoft Internet Security and Acceleration (ISA) Server 2006

### LDAP Directory

- IBM Tivoli Directory Server 5.2
- IBM Tivoli Directory Server 6.0
- IBM Tivoli Directory Server 6.1
- Lotus Domino Directory 6.0.2
- Lotus Domino Directory 6.5.3
- Microsoft Active Directory Application Mode 2003 (ADAM)
- Microsoft Active Directory Application Mode 2003 (ADAM) SP1
- Microsoft Active Directory Application Mode 2008 (ADAM)
- Novell eDirectory 8.7.3
- Novell eDirectory 8.8
- Oracle Internet Directory 10gR3 (10.1.3)
- Sun Java System Directory Server 5.2
- Sun Java System Directory Server Enterprise 6.0

### Active Directory

- Microsoft Active Directory 2000
- Microsoft Active Directory 2003
- Microsoft Active Directory 2008 (including LDS Support)

### Access Management

- eTrust (Netegrity) Siteminder 6.0
- eTrust (Computer Associates) Siteminder 12.0

### Office

- Microsoft Office 2007 SP1
- Microsoft Office 2003 SP3
- Microsoft Office XP SP3
- Microsoft Office XP SP2

### Admin Platform

- Citrix Presentation Server 4
- Windows Terminal Services (3)

## Product/Language Support on Citrix

- Citrix is supported for Crystal Reports Server 2008 V1 desktop products only.
- Citrix is not supported for Chinese and Korean.
- Windows Terminal Services is supported on the versions of Windows Server listed in the Supported Operating Systems section above.

## Reader

- Acrobat Reader 7.x
- Acrobat Reader 8.1.2
- Acrobat Reader 9.0

## .NET Framework

- .NET 1.1
- .NET 2.0
- .NET 3.0
- .NET 3.5

## VMWare ESX Support

- For more information on VMWare ESX Support, please refer the [Statement of Support for VMWare ESX Server](#).

## File Transfer Protocol (FTP) Requirements

The following are the guidelines that must be supported by any FTP Server being used in conjunction with Crystal Reports Server 2008 V1 as a scheduling destination.

- FTP server needs to support using “.” as a directory
- FTP server needs to support specifying a directory with a trailing “/”
- FTP server needs to support filenames that are 20+ characters (if destination file names are generated randomly by Crystal Reports Server 2008 V1.)
- FTP server needs to support specifying file names starting with a “~” character (if destination file names are generated randomly by Crystal Reports Server 2008 V1.)



## Related Content

For more information and resources, refer to the [product documentation and support area](#) of our web site.

For more information, visit the [Business Objects homepage](#).

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