Crystal Reports Feature Comparison by Version and Edition

This comparison matrix provides a checklist of features supported in current and previous versions Crystal Reports leading up to the present, Version 9. All data is for 32-bit versions only.

Updated: May 2003

Key			
A. Advanced	**D.** Developer	**P.** Professional	**S.** Standard
Y. Special Crystal Reports version available in all versions of Microsoft Visual Studio .NET			

Report Types	New in 9	9	.NET	8.5	8	7	6	5	4.5
Mailing labels		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Cross-tab reports	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Form-style reports		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P	
Subreports		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Conditional reports		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
TopN reports		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Drill Down reports		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
OLAP reports	Enhanced	A, D, P		D, P, S	D, P, S	P, S			

High Productivity Report Creation	New in 9	9	.NET	8.5	8	7	6	5	4.5
Data Explorer	Enhanced	A, D, P, S	Y	D, P, S	D, P, S				
Report Explorer	New	A, D, P, S							
Microsoft Excel and Access Add-ins		A, D, P, S		D, P, S	D, P, S				
Report Experts for automatic report creation	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Graphical table linking	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Field mapping between databases		A, D, P, S	Y	D, P, S	D, P, S	P, S			
Repository for component reuse	New	A, D, P							
Custom Templates	New	A, D, P, S							
Template Window (Design)		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Fully customizable runtime Preview Window		A, D, P, S		D, P	D, P	P	P	P, S	
Drill down in runtime Preview Window		A, D, P, S		D, P, S	D, P, S	P, S	P, S		

Comprehensive Formatting and Design Control	New in 9	9	.NET	8.5	8	7	6	5	4.5
Guidelines and vertical rulers		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	
Automatic styles, auto-arrange fields, ruler		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Drag and drop, browse field data		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Drawing-style interface		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Line drawing, box drawing		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Circles, ovals and boxes with rounded corners		A, D, P, S	Y	D, P, S	D, P, S				
Moving & resizing objects, selecting multiple objects		A, D, P, S		D, P, S	D, P, S				
Conditional font formatting		A, D, P, S	Y	D, P, S	D, P, S				
Conditional formatting of text by style and size		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Vertical text rotation		A, D, P, S	Y	D, P, S	D, P, S				
Fractional font size		A, D, P, S	Y	D, P, S	D, P, S				

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Comprehensive Formatting and Design Control - continued	New in 9	9	.NET	8.5	8	7	6	5	4.5
Format Editor		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
BLOB bitmap support		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Graphic image support (BMP, TIFF, PCX, TGA)		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Graphic image support (JPEG, PICT, PNG)		A, D, P, S	Y	D, P, S	D, P, S				
Support for vector-based images	New	A, D, P, S							
Grid control options (on/off; visible/invisible, set line height)		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Charting on subtotals, groups, details and formulas		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Integrated geographic mapping		A, D, P, S		D, P, S	D, P, S	P, S			
Integrated charting	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Embed Hyperlinks into reports		A, D, P, S	Y	D, P, S	D, P, S				
Redo and multiple undo		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Multiple detail sections		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Underlay sections		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
OLE 2.0 support		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
OLE drag & drop between windows		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Copy entire report objects to Windows clipboard		A, D, P, S	Y	D, P, S					
Cross-tab objects	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Subreport objects		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Text objects		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
User-defined ToolTips for tools and report objects	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S			
Running totals expert		A, D, P, S	Y	D, P, S	D, P, S	P, S			
Top N, bottom N sorting		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Custom (named) grouping		A, D, P, S	Y	D, P, S	D, P, S	P, S			
Sort and subtotal in ONE step		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Parameter fields		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Use Basic-like syntax in Formula Language		A, D, P, S	Y	D, P, S	D, P, S				
Formula Workshop	New	A, D, P, S							
Custom Functions	New	A, D, P, S							
Formula control of formatting		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Display string formatting	New	A, D, P, S							
User Function Libraries (supports COM Object)		A, D, P, S	Y	D, P, S[1]	D, P, S[1]	P, S[1]	P, S[1]	P, S[1]	P, S[1]
Year 2000 UFLs		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S		
Select Records intuitive query interface		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Hierarchical group summary		A, D, P, S	Y	D, P, S	D, P, S				

Interactive Analysis Tools	New in 9	9	.NET	8.5	8	7	6	5	4.5
Report Alerts		A, D, P, S		D, P, S					
Map lens		A, D, P, S		D, P, S	D, P, S				
Analyzer view for charts		A, D, P, S		D, P, S	P, S				
Integrated Analyzer for charts	New	A, D, P, S							
Include charts in reports	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Conditional formatting on charts	New	A, D, P, S							
Include maps in reports		A, D, P, S		D, P, S	D, P, S	P, S			
Customizable cross-tabs		A, D, P, S	Y	D, P, S	D, P, S	P, S			
Field highlighting	Enhanced	A, D, P, S		D, P, S	D, P, S	P, S			
Formula Editor	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Formula Expert	New	A, D, P, S							
Drill-down, full-featured search dialog		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Drill-down level functionality	New	A, D, P, S	Y						
Smart Navigation; group tree, drilldown, search		A, D, P, S		D, P, S	D, P, S	P, S	P, S		
Guided Navigation	New	A, D, P							

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Report Viewing and Interaction	New in 9	9	.NET	8.5	8	7	6	5	4.5
Parameter prompts via the Web		A, D, P		D, P					
DHTML Report Viewer	Enhanced	A, D, P	Y	D, P	D, P				
ActiveX Report Viewer		A, D, P		D, P	D, P	P	P		
Java Report Viewer	Enhanced	A, D, P		D, P	D, P	P	P		
Netscape Viewer plug in		A, D, P		D, P	D, P				
Local printing and export from viewer		A, D, P		D, P	D, P	P			
Page-on-demand		A, D, P	Y	D, P	D, P	P	P		
Advanced search on saved data; export search results to Microsoft Excel, Word and HTML	New	A, D, P	Y						
Crystal Enterprise Standard [2] for managed web reporting		A		D, P					
Report scheduling		A		D, P					
Report history		A		D, P					
Report Publishing Wizard	Enhanced	A		D, P					
Crystal Management Console (web report management system)	Enhanced	A		D, P					
Crystal Enterprise Report Application Server[3] for embedded on-demand report viewing	New	A, D, P							

Efficient Report Distribution and Access	New in 9	9	.NET	8.5	8	7	6	5	4.5
Web report deployment		A, D, P	Y	D, P	D, P	P	P		
Export to XML		A, D, P, S		D, P, S					
Export to PDF	Enhanced	A, D, P, S	Y	D, P, S					
Export to DHTML (HTML 4.0)		A, D, P, S	Y	D, P, S	D, P, S				
Export to HTML		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Export to Microsoft Word, Excel (data and rich format), text	Enhanced	A, D, P, S	Y[(XLS)]	D, P, S	D, P, S	P, S	P, S	P, S	
RTF export	Enhanced	A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Export to character-separated values, paginated text, record style (columns of values), report definition, tab-separated text and values		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Export to disk		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Export to application		A, D, P, S	Y	D, P, S	D, P, S	P, S			
Export to ODBC databases		A, D, P, S	Y	D, P, S	D, P, S	P	P	P	
Microsoft Mail		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Microsoft Exchange		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Lotus cc:Mail®		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Lotus Notes®		A, D, P, S		D, P, S	D, P, S				
Export and/or e-mail reports with saved data		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Send reports with saved data for distributed analysis		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Report options saved with report		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Save subreport as standalone report		A, D, P, S		D, P, S	D, P, S				
Report Parts for wireless and portal integration	New	A, D, P							
Guided Navigation between report elements in same or multiple reports	New	A, D, P							
Support for Microsoft Smart Tags in Office XP	New	A, D, P, S							

Other Features	New in 9	9	.NET	8.5	8	7	6	5	4.5
Predefined sample reports	Enhanced	A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	
Auto Saving		A, D, P, S		D, P, S	D, P, S				

Report Integration Methods	New in 9	9	.NET	8.5	8	7	6	5	4.5
Report Application Server									
Java, .NET and COM report viewing SDKs	New	A, D	Y[(.NET)]						
Java, .NET and COM report creation and modification SDKs	New	A	Y[(.NET)]						
Embeddable Designer Control (additional licensing applies)		A, D		D					
Report Designer Component		A, D		D	D	P			
Crystal Report Print Engine API		A, D		D	D	P	P	P	P

Rapid Application Development	New in 9	9	.NET	8.5	8	7	6	5	4.5
Multi-pass reporting with powerful grouping and sorting		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Sorting on groups, unlimited sorting		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	
Heterogeneous data sources		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Top N, specified groups		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Support Microsoft Visual Basic 6.0 features		A, D		D	D	P			
Report Creation APIs (additional license required)		A, D		D	D				
Support for Unbound fields with auto binding		A, D		D	D				
Customizable Report Viewer Settings		A, D	Y	D	D	P	P	P	P
Customize reports in runtime Preview Window		A, D	Y	D	D	P	P		
Active Data Driver Support (ADO, RDO, CDO) for runtime data sources		A, D	Y (ADO.NET)	D	D	P	P		
Event/call-back support		A, D	Y	D	D	P	P		
Drill down in runtime Preview Window		A, D	Y	D	D	P	P		

Other SQL Features and Tools	New in 9	9	.NET	8.5	8	7	6	5	4.5
Support for SelectDistinct for selecting records		A, D, P, S	Y	D, P	D, P				
Support for TopN for selecting records		A, D, P, S	Y	D, P	D, P				
SQL database access		A, D, P, S	Y	D, P	D, P	P			
SQL pass-through		A, D, P, S	Y	D, P	D, P	P	P	P	P
Ad hoc SQL query tool		D, P		D, P	P	P	P	P	
Unlimited SQL Commands	New	A, D, P, S							
Sort data on SQL database servers		A, D, P, S	Y	D, P	D, P	P	P	P	P
Security pass-through		A, D, P, S		D, P	D, P	P	P	P	P
Database driver conversion		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
Group-by, aggregation and SQL expressions on SQL database servers		A, D, P, S	Y	D, P	D, P	P			
Stored Procedure Support (Access via ODBC, Oracle 7.2, Sybase, SQL Server, Watcom/ SQL Anywhere)		A, D, P, S	Y	D, P, S[4]	D, P, S[4]	P	P	P	P

Native PC Database and File Access	New in 9	9	.NET	8.5	8	7	6	5	4.5
Act!™		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Pervasive (all indices, requires DDFs)		A, D, P		D, P, S	D, P, S	P, S	P, S	P, S	P, S
FoxPro® 2.6 (IDX, CDX)		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Microsoft Access		A, D, P, S	Y	D, P, S	D, P, S				
Microsoft Exchange		A, D, P		D, P, S					
Microsoft Outlook		A, D, P, S		D, P, S	D, P, S	P, S	P, S		
Paradox 3.5-4.5 (Native) 3.5-7.0 (BDE)		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
File system		A, D, P, S		D, P, S	D, P, S	P			

Native Client/Server and Network Data Access	New in 9	9	.NET	8.5	8	7	6	5	4.5
Multi-threaded DB access (OLE DB & native drivers)		A, D, P	Y	D, P, S	D, P, S				
Oracle 8.x		A, D, P		D, P	D, P	P			
Oracle 9i	New	A, D, P							
IBM® DB2®, DB2/2, DB2/400, DB2/600		A, D, P		D, P	D, P	P	P		
Informix		A, D, P		D, P	D, P	P	P		
Lotus Notes & Domino 4.5 and above, R5		A, D, P		D, P	D, P	P			
Microsoft Exchange		A, D, P		D, P	D, P	P	P	P	
Microsoft Internet Information Server		A, D, P		D, P	D, P	P	P	P	
Microsoft System Management Server		A, D, P		D, P	D, P	P	P	P	
Microsoft Windows NT® Event Logs		A, D, P		D, P	D, P	P	P	P	P
Web server activity logs (NCSA format)		A, D, P		D, P	D, P	P	P	P	
OLE DB		A, D, P	Y	D, P, S[5]	D, P, S[5]	P			
Sybase SQL Server 10, 11		A, D, P		D, P	D, P	P	P	P	
Hyperion Essbase®		A, D, P		D, P	D, P	P	P		

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OLAP Data Sources	New in 9	9	.NET	8.5	8	7	6	5	4.5
Essbase 5.0.2, 6.0.0, 6.1.0		A, D, P		D, P, S	D, P	P			
IBM DB2 OLAP 7.1		A, D, P		D, P, S	D, P	P			
Crystal Holos 8.0, 8.5	New	A, D, P							
HDC Cubes		A, D, P		D, P, S	D, P	P			
MS OLAP (Analysis 2000)	New	A, D, P							
MS SQL Server 7 OLAP Services		A, D, P		D, P, S	D, P				

ODBC Data Source	New in 9	9	.NET	8.5	8	7	6	5	4.5
XML		A, D, P		D, P, S					
ASCII		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
DBase		A, D, P		D, P	D, P	P	P	P, S	P, S
IBM DB/2 (DDSC only)		A, D, P		D, P	D, P	P	P		
Informix (Inet 5, 7)		A, D, P		D, P	D, P	P	P	P	
Microsoft Access		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Microsoft Access Queries		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Microsoft Excel		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Microsoft FoxPro		A, D, P, S		D, P, S	D, P, S	P	P	P	P
Microsoft Visual FoxPro 3.0		A, D, P, S		D, P, S	D, P, S	P	P	P, S	
Microsoft SQL Server		A, D, P, S		D, P, S	D, P, S	P	P	P	P
Oracle		A, D, P		D, P	D, P	P	P	P	
Sybase SQL Server 10 & 11		A, D, P		D, P	D, P	P	P	P	P

Other Data Connectivity	New in 9	9	.NET	8.5	8	7	6	5	4.5
Unicode support	New	A, D, P, S	Y						
Access to custom COM data providers	New	A							
Access to JavaBeans	New	A							
Access to ADO.NET	New	A, D	Y						

Documentation and Samples	New in 9	9	.NET	8.5	8	7	6	5	4.5
Online Installation Guide		A, D, P, S		D, P, S	D, P, S	P, S			
Online Technical Reference		A, D				P, S	P, S	P, S	P, S
Online User's Guide		A, D, P, S		D, P, S	D, P, S	P, S	P, S	P, S	P, S
User's Guide (Printed)		A		D, P, S	D, P, S	P, S	P, S	P, S	P, S
Developer's Guide (Printed)		A		D	D				
Technical Reference Guide (Printed)				D	D				
Online Developer's Guide		A, D	Y						

Language Editions[6]	New in 9	9	.NET	8.5	8	7	6	5	4.5
English		A, D, P, S	Y	D, P, S	D, P, S	P, S	P, S	P, S	P, S
French		A, D, P	Y	D, P	D, P	P	P	P	
German		A, D, P	Y	D, P	D, P	P	P	P	
Italian		A, D, P	Y		D, P	P	P	P	
Japanese		A, D, P	Y	D, P	D, P	P	P		P
Portuguese					D, P	P	P	P	
Simplified Chinese	New	A, D, P	Y						
Spanish		A, D, P	Y		D, P	P	P	P	

Notes:

1. Read only for Standard Edition.

2. Special offer to Crystal Reports Advanced Edition retail customers. First 5 Concurrent Access Licenses included.

3. Licensing and performance varies by edition purchased.

4. Stored Procedure Support in Standard Edition is via ODBC for Access, Excel and SQL only.

5. OLE DB support in Standard Edition for Access, Excel and SQL only.

6. Some components may be provided in English.