














## Overview of Major SAP Business Objects Reporting Tools:

Reporting	Dashboards
<b>Crystal Reports:</b> High flexible, robust reporting tool for print ready reporting	<b>Xcelsius:</b> Flash based dashboards linked to scheduled reports through Live Office or to live data through Query as a Web Service.
<b>Web Intelligence:</b> 100 % web based adhoc reporting tool	<b>Voyager:</b> Analysis of OLAP based data sources with simple dashboard capability.
	<b>Dashboard Builder:</b> Dashboards based on analytics, Crystal Reports , and Web Intelligence report parts run within the InfoView

If your report needs to	Crystal Reports	Web Intelligence
<b>Print Well</b>	 Printer Driver Dependant	PDF Driven Printability
<b>Have multiple data sources in one report</b>	 Separate Database connections linked by fields during query	Separate Database Connections through multiple Universes linked at report presentation time
<b>Use a table object</b>	No Table Object	 Flexible
<b>Have a dynamic number of columns</b>	Simple Cross Tab and complex formula based solution	 Robust Crosstab
<b>Address multipage reports</b>	 Complex row and page level formatting	Section and Row level formatting
<b>Show multiple presentations of same data</b>	Sub reports and variables	 Multiple Tabs (aka reports ) per document
<b>Support Office Integration</b>	Live Office	Live Office
<b>Allow for Custom Programming</b>	 Robust Language and custom formulas	Many Formulas
<b>Be 100% Web Based</b>	Windows Client Designer Web based viewers	 Java, HTML and rich client
<b>Use Stored Procedures</b>	 Can run one or more stored procedures	Can create a Stored Procedure specific Universe.
<b>Have various browser platform support</b>	 Java based, Active X, DHTML and PDF	Java based, HTML and PDF
<b>Support various fonts</b>	 Supports most fonts based on what is on designer workstation plus barcodes	A few fonts. Supports word and phrase translation in universe
<b>Adhoc Reporting</b>	Drilling and on-demand subreports	 Natural and Custom hierarchies, drill across, drill down, drill through
<b>Interactivity</b>	2008 sort and cached parameters and some parameter based sorting	 Dynamic column selection/hides and report breaks, and graphical representations
<b>Group Tree</b>	Hierarchical	Interactive Viewer only
<b>Images</b>	Database images	Url link and server
<b>URL report calls</b>	&Format=XLS, Report Parts	3.X ?
<b>Viewer Security</b>	One viewer all users	 Different Viewers for different user roles