

IBM Cognos Business Intelligence

IBM® Cognos® Business Intelligence is an integrated business intelligence suite that provides a wide range of functionality to help you understand your organization's data. Everyone in your organization can use IBM Cognos BI to view or create business reports, analyze data, and monitor events and metrics so that they can make effective business decisions.

IBM Cognos BI integrates the following business intelligence activities in one Web-based solution. Before you use IBM Cognos BI, you should understand how each of the components that make up the IBM Cognos BI user interfaces can help you do your job.

Table 1. IBM Cognos BI components and what they are used for

Component	Activity
IBM Cognos Connection	Publishing, managing, and viewing content
IBM Cognos Insight	Managed workspaces
IBM Cognos Workspace	Interactive workspaces
IBM Cognos Workspace Advanced	Ad hoc querying and data exploration
IBM Cognos Report Studio	Managed reporting
IBM Cognos Event Studio	Event management and alerting
IBM Cognos Metric Studio	Scorecarding and metrics
IBM Cognos for Microsoft(tm) Office	Working with IBM Cognos BI content in Microsoft Office
IBM Cognos Query Studio	Ad hoc querying
IBM Cognos Analysis Studio	Data exploration

- **IBM Cognos Connection**

IBM Cognos Connection is the Web portal for IBM Cognos Business Intelligence. It is the starting point to access your BI information and the functionality of IBM Cognos BI.

- **IBM Cognos Insight**

In IBM Cognos Insight, you can analyze data, explore scenarios, and influence decisions by creating personal or managed workspaces. Use these interactive workspaces to communicate results to managers. Because Cognos Insight supports write-back, you can also use these workspaces to gather and consolidate management targets, commitments, and forecasts.

- **IBM Cognos Workspace**

In IBM Cognos Workspace, you can create sophisticated interactive workspaces using IBM Cognos content, as well as external data sources such as TM1[®] Websheets and CubeViews, according to your specific information needs. You can view and open favorite workspaces and reports, manipulate the content in the workspaces, and e-mail your workspaces. You can also use comments, activities and social software such as IBM Connections for collaborative decision making.

- **IBM Cognos Workspace Advanced**

With IBM Cognos Workspace Advanced, you can perform advanced data exploration and author simple reports.

- **IBM Cognos Report Studio**

- **IBM Cognos Event Studio**

- **IBM Cognos Metric Studio**

- **IBM Cognos for Microsoft Office**

When you use IBM Cognos for Microsoft Office, you can work with secure IBM Cognos Business Intelligence content in your familiar Microsoft Office environment.

- **IBM Cognos Query Studio**

- **IBM Cognos Analysis Studio**

- **IBM Cognos Transformer**

IBM Cognos Transformer is a multi-dimensional data modeling component designed for use with IBM Cognos Business Intelligence.

- **How IBM Cognos Business Intelligence Works**

When you view or create a report, you are viewing data that is stored in your organization's databases. The following diagram explains the steps that are involved in using IBM Cognos Business Intelligence.

- **Viewing and Organizing Content**

When you view and run a report, scorecard, or agent, the information that you see comes from data sources, the package, calculations, other properties added by the author, and from IBM Cognos Business Intelligence itself.

- **Administration of IBM Cognos Business Intelligence**

IBM Cognos Business Intelligence administrators ensure that IBM Cognos BI runs smoothly and at its optimum performance.

- **The IBM Cognos Software Development Kit**

The IBM Cognos Software Development Kit provides a platform-independent automation interface for working with IBM Cognos BI services and components.

- **Integrating with Other IBM Cognos Products**

IBM Cognos Business Intelligence is fully integrated with other IBM Cognos products so your business intelligence capabilities can grow with your needs.

- **Building IBM Cognos business intelligence applications**

You use the IBM Cognos Business Intelligence components to build reporting and analysis applications.