Business Intelligence in SharePoint 2010

Overview of Microsoft business intelligence

Business intelligence is the delivery of accurate, useful information to the appropriate decision makers within the necessary timeframe to support effective decision making. Microsoft SQL Server 2005, 2008 and 2010 provide a storage and management foundation for business data, and a set of reporting and analysis tools Microsoft SharePoint Server 2010 provides a platform to create, consume, and organize data. This section describes the business intelligence technologies and applications that are included with Microsoft SharePoint Server 2010 and how they can be leveraged to deliver business intelligence across an organization.

Areas of business intelligence

- **Visio Services**
  - Visio Services is an extension to Excel that adds support for large presentations and mashups of actionable data and diagrams for an information rich viewing experience.
  - Also accessible from SharePoint Server.

- **PowerPivot for Excel**
  - PowerPivot for Excel is the end user tool that helps people manipulate and interact with data to make better business decisions.

- **PerformancePoint Services**
  - PerformancePoint Services is a component of SharePoint Server 2010, and it delivers a rich set of business intelligence tools and services for organizations.

- **Team Sites**
  - As the end user tool, Team Sites provides a storage and presentation of locally stored useful information to the appropriate users.

Business Intelligence in SharePoint 2010

- **Excel and PowerPivot for Excel**
- Excel Services
- Visio Services
- PerformancePoint Services
- Team Sites

Platform for business intelligence

- SQL Server Reporting Services
- SQL Server Integration Services
- SQL Server Analysis Services

Business Intelligence Developer Studio (BIDS) is SQL Server’s Bitucket tool in Visual Studio for developing solutions for SQL Server Reporting Services and Analysis Services, and data mining.

Note: This diagram shows products and tools from Microsoft Office, SharePoint Server and Foundation 2010, and SQL Server for which separate business may be necessary.

SharePoint Server 2010 Insights

The SharePoint Server 2010 application platform enables users to create and manage the information they need across unstructured cases, such as a mortgage calculator. SharePoint Server 2010, a set of reporting and analysis tools, and a set of reporting and analysis tools, and the ability to leverage data to make better business decisions, and rapidly share and view Visio diagrams to drive to a rich viewing experience.

Excel and PowerPivot for Excel

Excel Services

Excel Services is a Microsoft SharePoint Server service application that acts as a server side calculation engine. The service also enables data from SQL Server 2010 relational databases to be exposed as data sources.

Visio Services

Visio Services is a Microsoft SharePoint Server service application that is a rich set of business intelligence tools and services for organizations.

PerformancePoint Services

PerformancePoint Services are built on top of SQL Server Analysis Services 2005 or 2008, and provide the ability to view KPIs and other data in a rich visualization.

Client

Data sources

Additional data sources and provider types can be included in each analysis or a single analysis or a single analysis of business intelligence services.

SQL Server

SQL Server Reporting Services database

Data Warehouse (relational)

Trusted, scalable, & secure

Client

Data sources

Additional data sources and provider types can be included in each analysis or a single analysis or a single analysis of business intelligence services.

SQL Server

SQL Server Reporting Services database

Business intelligence for the community

People don’t work just as individuals but in groups and teams to complete projects, and the solutions offered by SharePoint Server 2010 make it easy to communicate and share business intelligence that focuses on the ability to provide key performance indicators (KPIs), to improve your business processes, and to help you understand what is going on within your business.

Organizational business intelligence

Organizational business intelligence directed at a set of tools that help group of users collaborate and work with centrally delivered information that focuses on the ability to provide key performance indicators (KPIs), to improve your business processes, and to help you understand what is going on within your business.

The end user is a consumer of business intelligence that is exposed in SharePoint Server. The user is the reporting tool that may be a professional or an end user.