

### SpagoBI Suite

SpagoBI is the only entirely open source Business Intelligence suite, supporting the development of innovative and flexible Business Intelligence solutions. Thanks to its wide offering of analytical tools and to its new and intuitive user interface, SpagoBI supports day-to-day and strategic business, both at the decision-making and operational levels.



### SpagoBI Server

SpagoBI Server is the main module of the suite, offering all the core and analytical functionalities. It is based on two main conceptual models (Analytical Model, Behavioural Model) and it provides all necessary administrative tools and cross-platform services.

The *Analytical Model* is the core of SpagoBI Server and covers the whole range of analytical needs, providing many solutions for each analytical area:

- > **Reports**, to show structured data in a pixel-perfect way
- > **OLAP analysis**, to navigate through data
- > **Graphs**, providing simple and intuitive views of the information
- > Real-time **dashboards**, to monitor the KPIs
- > **KPI models**, to build and test one's own performance monitoring models
- > **Geo-referenced reporting**, to publish data over a geographical representation
- > **Cockpits**, to realize complex and interactive dashboards
- > **Free Inquiry (QbE)**, to freely build one's own query and generate the first report template
- > **Data mining** processes, to discover hidden information
- > **Office Documents**, to publish Office documents under the behavioural model control
- > **Analytical Dossiers**, to collect documents with personal notes
- > **Accessible Reports**, in compliance with the international standard WCAG 2.0 and the Italian law
- > **RT Console** for the application monitoring
- > **Smart Filter** for the guided data selection
- > **External Process**, to execute external processes that can interact with OLTP systems
- > **ETL/EI processes**, to collect data from different sources.

The *Behavioural Model* regulates the visibility over documents and data, according to the end-users' roles. It allows to reduce the required number of analytical documents, to guarantee the uniform growth of the project over time and the respect of the visibility rules.

The *Administration Tools* support developers, testers and administrators in their daily work, providing various functionalities, such as: scheduler, import/export, user profile system, menu management, audit & monitoring, subscription management and graphical interfaces for every kind of settings.

The *Cross Services* include the platform common features that can be used on all analytical areas: SSO, alert and notification, workflow, search engine, collaborative tools, rules engine, delivery by e-mail, ranking, exporters, RT events, personal folders, cross navigation and metadata visualization.

### SpagoBI Studio

SpagoBI Studio allows the developer to design and modify all analytical documents, such as reports, charts, GEO and cockpits. It also supports the deployment phase, during which the analytical documents are tested and released on SpagoBI Server, thanks to SpagoBI SDK module.

### SpagoBI Meta

SpagoBI Meta is specifically focused on metadata management and inquiry. The platform manages technical and business metadata, allowing administrators and business users to know more about their data domain.

### SpagoBI SDK

SpagoBI SDK is the specific tool used for the integration of the services provided by the server. It aims both at the integration of the documents through a wide range of web services and at the publication of SpagoBI documents in an external portal or application.

---

SpagoWorld is a Free Open Source Initiative supported by Engineering.

Four are the main projects of the Initiative:

SpagoBI: Open Source Business Intelligence

Spagic: Open Source SOA Universal Middleware

Spago4Q: Open Source for Software Quality of products, processes and services

Spago: Open Source Java Enterprise Framework

[www.spagoworld.org](http://www.spagoworld.org)

