

SpagoBI with the Health Division of the Italian Ministry of Labour, Health and Social Policies

SPAGOBI AT THE HEALTH DIVISION OF THE ITALIAN MINISTRY OF LABOUR, HEALTH AND SOCIAL POLICIES

Key Words:

- Open Source
- Business Intelligence
- Healthcare
- E-Government
- Public Administration



*Ministero del Lavoro della Salute
e delle Politiche Sociali*

Organization

Ministry of Labour,
Health and Social
Policies

Market

Public
Administration,
E-Government

Status

Completed

Mission

Developing new
advanced data
analysis systems

Objective

Realizing a
decisional support
system, named
'NSIS Cockpit'

Country

Italy

OW2 Project



The Health Division of the Italian Ministry of Labour, Health and Social Policies has adopted SpagoBI as a Business Intelligence platform for the realization of a decisional support system, named 'NSIS Cockpit'.

The Italian Ministry of Labour, Health and Social Policies (Health Division)

This Ministry is the Italian central institution of the National Health Service. Among its various tasks, it is responsible for human health care, the coordination of the national health system, health and safety at work as well as scientific research in the health field. This institution also works with Italian regions, in order to analyze and improve the local health realities.

Monitoring the national health service through NSIS Cockpit

SpagoBI Business Intelligence platform has been adopted by the Ministry of Labour, Health and Social Policies - Health Division - for the realization of a decisional support system named 'NSIS Cockpit'. The goal is to monitor the essential aid levels of the national health service and to dynamically and intuitively analyse the services consumption and allocation, based on geographic and temporal axis.

System architecture

The NSIS Cockpit combines many tools and information in a single view, joining the basic data with the geographical information and relating the components each other. Moreover, it allows to directly set the analysis parameters, such as drill-down/drill-up navigation and to choose the measures of one's interest.

Thanks to SpagoBI and the attention always paid to quality improvement, the NSIS Cockpit has a specific area dedicated to the analysis of data quality, in terms of completeness and reasonableness. Its aim is to support the right interpretation of the analyzed phenomena and to represent a prerequisite for the development of new and advanced data analysis systems.

It offers interactive dashboards and advanced analyses (OLAP; QbE), which provide detailed views of information, enabling end-users to follow and better understand the phenomena of their interest.



The project was completed working with the client as a partner, over the whole BI stack:

- Definition of shared and innovative Analytical requirements
- Data Model (3 levels DWH)
- ETL development
- Security policy definition
- Cockpits development
- Platform certification (SSO and deployment into the Client technological environment)
- Go-Live

Key Benefits

SpagoBI platform proved to be a great asset to:

- Cancel the licence costs for BI platform at enterprise level
- Ensure the best flexibility to suit the end-user analytical needs
- Produce high-level analysis, for an immediate perception and intuitive inquiry of his own business
- Ensure the highest integration level with every client's environment and security system
- Innovate the BI domain and results.

Professional Support

It's provided by Engineering Group (www.eng.it), the major Italian player in IT design, outsourcing, product and consulting services and core developer of SpagoBI free open source platform (www.spagobi.org).



OW2

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About OW2

Founded in January 2007 as a result of the merger of ObjectWeb and OrientWare communities, OW2 is an independent industry consortium dedicated to developing open source code middleware and to fostering a vibrant community and business ecosystem. Building on the legacy of ObjectWeb and OrientWare, OW2 federates more than one hundred organizations and 6000 developers in Europe, Asia and the Americas. OW2 hosts over one hundred technology Projects, including Lombos, Sync4j, eXo Platform, XWiki, SpagoBI and JOnAS. Several of the OW2 projects are combined into market-driven Initiatives, such as the ESB/SOA Initiative and the Business Intelligence Initiative, which facilitate their implementation by systems integrators, OEMs and end-users. A typical global open-source organization, OW2 aims to bring together grassroots communities across all continents through Local Chapters. **More information about OW2 is available at <http://www.ow2.org>**