OW2 Success Story

Decision-making process with SpagoBI

SPAGOBI FOR THE DECISION-MAKING PROCESS OF G.E.I. (TUNISIA)

Key Words:
- Business Intelligence
- Integration
- Open Source
- Management Process

Generale d’Equipement Industriel (Tunisia) supports its decision-making process by means of SpagoBI

Generale d’Equipement Industriel

Generale d’Equipement Industriel (G.E.I.) is an important company operating in the wholesale trade of household electrical appliances.

BI Platform Supporting the Management Process

BIForDecide, the first Tunisian open source business intelligence integrator in North Africa, has deployed SpagoBI for Generale D’Equipement Industriel.

The project realized by BIForDecide, called “Projet Co-PILOT”, offers the managers of G.E.I. a set of supporting tools to be used in the decision-making process, such as dashboards, reports and OLAP cubes.

The project includes different open source BI tools, such as: MySQL database, Talend ETL, SpagoBI platform including JasperReports and Mondrian/Jivot.

Before the introduction of CoPilot, decision makers in G.E.I. were manually extracting and analysing data locally, thus running risk of generating inconsistent data and analysis.

The data consolidation into a DWH reduced this risk and introduced a monitoring platform characterised by completeness of information and easy usage.
The analysis are focused on:

- **Performance Dashboard**: Dashboard showing real-time values of main indicators: selling, service rate, service selling, delivery delay
- **Supplier analysis**: to analyse the reliability of suppliers, cross-navigating through all information in a secure way.
- **Customer analysis**: to analyse the customer service and revenues from different points of view and dimensions (OLAP analysis).
- **Alerts**: instant or programmatic alerts; automatic detection of anomalies
- **Action plan**: generating and managing action plans to solve detected problems

**CoPilot** provides an original module to define and manage an action plan to suggest corrective actions. CoPilot fully exploits the navigational capabilities of SpagoBI to link information and cross navigate among it.

**The Results**

Thanks to CoPilot, the solution made by BIForDecide by means of SpagoBI, the decision makers in G.E.I. can follow their indicators in real time, access to analytical data with a higher frequency, navigate through different analysis to investigate the reasons of problems and inefficiencies in order to rapidly take corrective actions.

**Professional Support**

- Engineering Ingegneria Informatica provides the core development team of the SpagoBI platform, professional services and technical support.
- BIForDecide, Tunisian partner of SpagoBI, provides the domain competence and the analytical documents development.

**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 Lomboz, Synco4j, eXo Platform, XWiki, SpagoBI and JOnAS. Several of the OW2 projects are combined into market-driven Initiatives, such as the ESB/OSA 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](http://www.ow2.org).

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