OW2 Success Story

Services on Telephone Platforms with SpagoBI

### SPAGOBI FOR THE PREMIUM SERVICES ON TELEPHONE PLATFORMS

#### Key Words:
- Business Intelligence
- Integration
- Open source
- Telephone Platforms

#### XALTIA Employs SpagoBI as the BI Engine for the Premium Services on Telephone Platforms

#### Xaltia

Xaltia is a company of Engineering Group operating aside the most important mobile networks operators in designing, developing and managing Value Added Services for consumer and business users, locally and internationally.

Innovation, Technology and new projects drive the Xaltia strategy allowing it to rapidly react to the market changes, turning all challenges in the fix and mobile communication domain into recognized success for its customers.

#### Business Intelligence Engine for the Services on Telephone Platforms

SpagoBI has been adopted by Xaltia for the analysis and reporting of services supplied on SMS, WAP and MMS channels by the mobile operators.

By means of its framework, SpagoBI allows data analysis using reports, summary graphics and dashboards that are easily reached and adaptable. Within the project for the realization of this service SpagoBI has been used for analyzing the data of an Enterprise Data Warehouse fed through an ETL (Extract Transform Load) process, which also takes charge of the normalization of the data, developed with the open source solution Talend Open Studio.

Every day, about 3 million new records are loaded on the Enterprise DWH and kept on the system for several months to allow the processing of historical data.

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System Architecture

SpagoBI also handles the publication of the information on an analytical portal. This information includes:
- OLAP analysis of the analytical data, used when one or more search dimensions have to be quickly changed;
- reports allowing to display the data at the lowest aggregation level;
- OLAP analysis and reports on the controls made by crossing data coming from several platforms in order to improve the level of reliability of such data;
- Key Performance Indicators (KPIs) represented on management dashboards enhanced by graphs for summary analysis;
- management system of the KPIs historical and comparative analysis.

The Results

Thanks to the combined and integrated use of SpagoBI and Talend Open Studio, Xaltia can easily analyze data and information about its value added services in order to improve the global performance of such services for operators and content providers. SpagoBI and Talend Open Studio have been proven as viable platforms to address all the project features in terms of functionalities, performance and time constraints.

Professional Support

- Engineering Ingegneria Informatica, the parent company of Engineering Group, provides the core development team of the SpagoBI platform, professional services and technical support.

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, Synca4j, eXo Platform, KWiki, 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.

OW2

OW2 Consortium
21 rue de Madrid
75 008 Paris, FRANCE
www.ow2.org
contact@ow2.org