SpagoBI suite has allowed the automated process management, through the development of a Business Activity Monitoring application. This enables managers to monitor processes, minimize gaps and consequently maximize the company’s profit.

A full open source BI suite for Business Activity Monitoring

ENEL has adopted SpagoBI suite within the MUTI (Unified TIBCO Middleware) project. This project focuses on the automated management of the processes run within TIBCO product, allowing the realization of a Business Activity Monitoring application that exploits the information generated by these processes and stored in a dedicated DBMS.

A significant improvement of process monitoring

This solution has been issued to the various ENEL’s departments in order to allow managers to keep running processes under direct control, so as to monitor and minimize the gaps (anomalous situations) in processes and consequently maximize the company’s profit.

Picture 1: SpagoBI suite supports process analysis
Application domains and implemented BI tools

The implemented features concern the following functional areas:

- **Processes**: to analyse the process status and view detailed data as well as the history of each single process
- **Gaps**: to analyse gaps, allowing users to modify data and submit gaps back to reprocessing
- **Alarms**: to monitor the alarms generated by processes, visualizing them on a cockpit
- **Services**: to perform statistical analysis on services, which are the prime element of all processes
- **Configuration Management**: to allow administrators to modify some tables thanks to the write-back functionality provided by SpagoBI MDM (Master Data Management) engine.

![Image](Picture_2_spagobi_suite_supports_alarm_analysis.png)

**Key Benefits**

SpagoBI suite proved to be a great asset to:

- Eliminate any licence costs and maximize the company’s profit
- Produce high-level analysis, for an immediate and intuitive data inquiry
- Bring innovation into the Energy & Utilities domain through a cutting-edge BI suite

**Professional Support**

It is provided by SpagoBI Competency Center of Engineering Group (www.eng.it), one of the top 10 European IT companies and the largest Italian independent, privately-owned IT player, which founded and manages SpagoBI, the only entirely open source, complete and flexible Business Intelligence suite. (www.spagobi.org).

**About OW2**

OW2 is an independent industry consortium dedicated to developing open source code infrastructure (middleware and generic applications) and to fostering a vibrant community and business ecosystem. OW2 federates some one hundred organizations and 6000 IT Professionals in Europe, Asia and the Americas. OW2 hosts over one hundred technology Projects, including ASM, Bonita, eXo Platform, JCRnAS, JORAM, Orbeon Forms, Orchestra, Petsa ESB, Spagic, SpagoBI and XWiki. Several of these projects are combined into market-driven Initiatives, such as the OSGi Open Source Cloudware Initiative and the Business Intelligence Initiative, which facilitate their implementations into business solutions by systems integrators, OEMs and end-users. OW2 is an open source dissemination partner in a number of collaborative projects, such as CHOREOS, CompatibleOne, OpenCloudware and XLcloud. www.ow2.org

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