

Business intelligence (BI) is the ability to find and understand complex relations in business, to effectively adapt to changes of environment (competition, market, trends), to learn from data. Integration of BI applications with existing enterprise information systems leads to complex process. This process can comprise information, process, portal and service oriented integration. For this type of integration, it is also possible to use ESB technology. When integrating such complex systems, usage of standards gains great importance and significantly contributes to the architecture of result solution. Implementation of integration of BI applications with enterprise information systems represents the EPA application, which is built on Java EE integration platform with usage of JBoss, open source application server, Oracle database, data mining tools and ETL. Data warehouse implemented on the top of Oracle database is used for the integration of data sources. Part of the application presenting graphs and interactive cross tables is built on JBoss Seam, modern integration framework, which integrates technologies like JBoss Rules, JSF, EJB3 and jBPM.