

ATHENS INTERNATIONAL AIRPORT



Industry

Aviation

Business need

The collection and analysis of information from numerous and diverse applications and databases of the airport, aiming at creating a combination that will provide management with the right knowledge and the ability of fast and accurate decision making.

Solution

A Business Intelligence system, with the use of Business Objects products, that offers advanced analytics and combines all the dispersed information into a common pool.

Result

The utilized information is converted to know-how, gives the ability of instant perception of the data structure and contributes to making the right decisions.

“Information Technology and Business Intelligence gives a helping hand, not only to us, but also to the other companies that are related to the airport.”

Fotis Karonis
IT & Telecommunication Manager
Athens International Airport

Business Objects tools supplement the Business Intelligence system of the Athens International Airport and contribute to its competitiveness.

The goal of the Airport's IT and Telecommunications Management is to provide constantly complete and excellent IT and communication services both for the airport as a whole, and for the enterprise itself.

The challenge

The Athens International Airport had to primarily install the infrastructure of IT systems for the management of many and diverse applications. The simultaneous and combined use of many and diverse systems significantly increased the complexity of the tasks of the IT Management and was a challenge for the tools that the enterprise would install at a second phase in order to retrieve and to combine the information from the various systems.

The first big application family has to do with the flight information and is considered to be one of the most important applications. The flight information is a dynamic data base, since the data change constantly according to the arrivals and departures of the aircrafts. The second data family is the debits. Each flight, according to its date and time, the type of aircraft, the number of passengers, the parking time etc., corresponds to a pricing policy. The third applications family consists merely of the corporate information about the corporate finance, the logistics, the financial reports to the administration, the purchases, the HR management etc.

The result

After the infrastructure foundations were set, over an open and compatible technology, in order to cross the general managements of the enterprise but also to extend in order to bring in contact the customers with the enterprise, the installation of a Business Intelligence system followed along with the Business Objects products. This step resulted in the leverage of all the information in order to offer continuous knowledge to the employees for making the right decisions. The capability of analysis is provided with those applications. They can combine the data from their corresponding and diverse sources and create a combination that offers the final knowledge and the capability of making correct and fast decisions. This was indeed the functional goal of the Athens Airport concerning the Business Intelligence, and the Business Objects products as part of it, that work complementary with the data base and the Financial Analyzer and Business Intelligence tools of Oracle. Business Objects tools are very flexible with regard to the aviation applications and give the ability of drill-down retrieval and combinations of information from different data bases according to the desired information each time.

Composition of the solution

The Standard RDBMS products were used for the implementation of the solution, namely Business Objects Webi Server and Informatica PowerCenter.