» **IBA Implements New Subsystem At Belarusian Railway**

On November 27, IBA successfully put into production the subsystem Field Operation Management Model of the Corporate Information System of Belarusian Railway.

Cooperation between IBA and Belarusian Railway (BR) began in 1993 when BR management made a decision to start a step–by–step modification of its legacy cargo transportation management system.

In cooperation with Belarusian Railway, IBA developed a concept and prototype of the Information Analysis System to Manage Railway Cargo Transportation. The joint project to implement the system was launched in late 2002. The new system is required to increase the profitability of cargo transportation, the final goal being to integrate the Information Analysis System to Manage Railway Cargo Transportation with the Unified Finance and Resource Management System that is currently implemented by a joint IBA–BR team.

The implementation of the large–scale system was divided into stages, allowing BR employees to perceive additional benefits after the completion of each stage. IBA worked at the customer site to understand better the end user needs, address quickly the issues that emerge and ensure close cooperation with the client team.

Today, the Information Analysis System to Manage Railway Cargo Transportation includes: A subsystem of standard normative and reference information. The subsystem provides information to all subsystems and applications, and directly to employees of Belarusian Railway in a real–time mode. To date, the system was expanded and enhanced with new structures to provide the necessary data for implemented adjacent tasks. An operating subsystem that allows the client to control and monitor the current status of the railway and all of its objects, and to exchange electronic messages between participants of the transportation process. Currently, the team added a number of logical controls of the incoming information to enhance authenticity and reliability of the system, an improved format of incoming messages, and a possibility to carry out information requests through web interface. A data warehouse that contains the entire historical information about the BR functioning, generates various reports and plans, outputs statistic data, and builds forecasts.

The subsystem Field Operation Management Model has been implemented for eighteen months. The IBA-created subsystem streamlines a large number of business processes of the client including: Management of cargo and passenger transportation Generation of daily status reports on functioning of BR's departments and stations Registration of car maintenance and car rental operations Planning of shipments All software applications of the system have similar interface, which is user friendly and facilitates the work of the BR employees.