

High Level IT Solutions

Truck tracking registration system

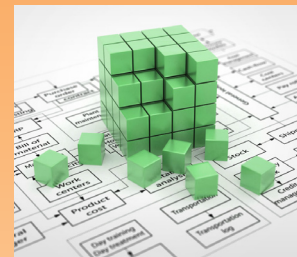
Description of the project

The aim of the project was to develop a system which keeps track of the trucks entering the premise of the soft drink producer; provides information on their current status for the dispatcher and the loading supervisor and is able to collect such data at certain phases of the previously determined logistics process which can be used later to increase the efficiency of the storage process.

From their entry to their exit, the vehicles handled by the system move forward on different points of the logistics chain depending on the shipping tasks.

The application is based on the processes of the SAP system already in use, there is close co-operation between them. Using a web application it also enables the couriers to track their own vehicles.

With the help of new modules such complicated processes were implemented that have minimised the necessary time, the occurrence of human errors and have created the possibility to optimise the current system by analysing the data available at certain stages of the loading process.



Specifications

Major built-in functions

- **SAP connection**
 - Extracting and re-entering freight planning and reporting data
 - Load and transport data
 - Data concerning vehicle entry and start of loading
- **Reporting**
 - Recording vehicle statuses and time elapsed between these
 - Freight statistics (number of whole pallets, number of constructed pallets etc.)
 - Query according to loading priorities
- **Internet page for freight companies**
 - Checking the current status of cars on premise
 - Backward listing of the vehicles of the courier assigned to the user
 - Sending a text message about cars in waiting to signed-in users

Technologies

- MS Windows operating system, IIS 6.0, .NET Framework 2.0, XML WebServices, SAP, .NET Connector 2.0, SAP RFC
- Microsoft SQL
- Visual Studio 2005, C#, ASP .NET, SAP .NET Connector 2.0