DESCRIPTION OF THE QGUAR SYSTEM IMPLEMENTATION

Place of implementation:
ul. Styropianowa 1, 96-320 Adamowice
Adama Mickiewicza 31, 96-300 Żyrardów

Implemented system:
Qguar WMS

Cooperation commencement date:
2004

Company profile

Knauf Industries is a part of the KNAUF Group. The group is the biggest polystyrene processing enterprise in the world. Knauf Industries is specialized in designing individual solutions for numerous industries – in the electrical appliances, automotive, food and construction sectors – and implementing them for mass production.

The enterprise provides insulation, packaging materials and fittings made of foaming materials (EPS and EPP), as well as elements made of thermoplastics formed by injection moulding. Knauf has a research and development centre and 35 modern production plants all over the world.

Business line characteristics/challenges

The character and large scale of Knauf 's business require for both main warehouses of the company to operate 24 hours a day. The facility in Adamowice is a production warehouse, while the one in Żyrardów functions as a distribution warehouse. As the facilities fulfil different functions, their management requires to be approached individually. Differences related to the quantity, frequency and types of warehousing operations realized in the facilities require, among others, different methods of picking or put away strategiesto be implemented.

Selected solution

In order to ensure comprehensive support of the production and distribution warehouses, Knauf Industries decided to select Qguar WMS (Warehouse Management System) developed by Quantum. The software is highly configurable and flexible, which allows it to meet disparate requirements posed by both company warehouses.

Qguar WMS was configured to communicate with automatic goods identification tools implemented by Knauf Industries. Employees maintain constant communication with the system through mobile terminals, which allows task to be delegated and task realization progress to be reported automatically. All the data related to warehouse operation are collected and archived by the system. At any moment, the software may generate reports based on the data to provide a description of the warehouse status or work efficiency reached in a given period. The Qguar WMS warehouse management system allows orders from distributors of Knauf Industries products to be imported quickly and automatically.

Benefits

Thanks to Qguar WMS, Knauf Industries may manage its warehouses with a single IT system, in spite of different character of both facilities and disparate needs posed by them.

By means of Qguar WMS, the Knauf company significantly improved the process of goods receipt and issuing at both warehouses. The system efficiently manages logistic operations and records all warehousing operations, such as goods movement, issuing of materials to the production shop or receipt of finished products.

As it is a real-time system, Qguar WMS provides up-to-date information about warehouse inventory balances, operations in progress at a given moment and potential problems and deviations from assumed schedules. The system helps the user to ensure timely delivery of raw and other materials to the production shop. It significantly facilitates the management of production logistics and distribution of finished products.

Qguar WMS allowed the company to considerably reduce the time required for the preparation of reports. Thanks to automatic data acquisition and processing, the system reduced the risk of human error. Balance sheets and reports generated by the system aid the management in the task of rationalizing procedures and improving work efficiency in both warehouses.