

DESCRIPTION OF THE QGUAR SYSTEM IMPLEMENTATION

Place of implementation:

Warsaw

Implemented system:

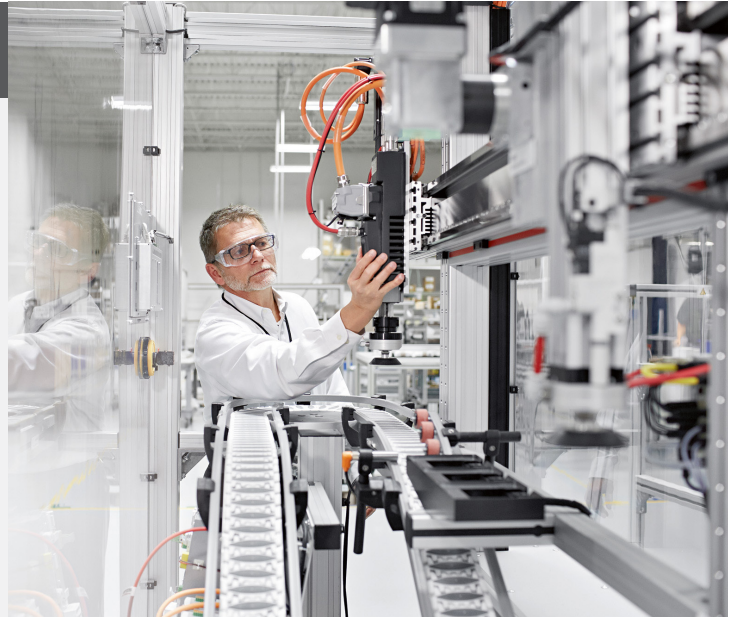
Qguar WMS Easyway
Qguar WMS Pro

Cooperation commencement date:

2006.

Warehouse operation mode:

The warehouse operates in two shifts. It stores the assortment of over 100,000 products and over 200,000 batches.



Company profile

The Bosch Rexroth Sp. z o.o. company belongs to the Bosch Rexroth AG concern – the world leader in the domain of drive and control applications. Manufactured by Bosch Rexroth, drive and control units that put machines and devices in motion are characterized by efficiency, precision, safety and energy efficiency. The enterprise operates in over 80 countries. In 2014, its turnover reached the level of 5.6 billion euro, while it employed 33,700 persons.

In the Polish market, the company has been present since the nineteen sixties. Having a team of technical specialists at its disposal, Bosch Rexroth can design, manufacture, deliver and provide servicing of Drive & Control systems for any potential application. The company takes pride in its achievements, especially in the domains of shipbuilding, theatre engineering solutions, hard coal mining, machine-building industry and water resources engineering.

The main registered offices of Bosch Rexroth are located in Warsaw. The company has got regional branch offices in Gdańsk, Katowice, Poznań, Rzeszów, Szczecin, Warsaw and Wrocław. Moreover, the company has an extensive network of trade partners at its disposal.

Business line characteristics/challenges

Specialized knowledge in multiple domains constitutes the base for creating innovative solutions that are used in machines as single components or as individually-designed systems. As a supplier of parts, a system partner and service provider, the company has got extensive knowledge covering over 30 industrial lines of trade. It constantly adapts its offer to clients' requirements, while aiming at the highest quality of products and efficiency of work. Activities carried out in the company's warehouses must proceed in a dependable, fast and efficient manner, as only such characteristics allow Bosch Rexroth to constantly consolidate its position of the world leader and a partner of manufacturers of machines and systems

Selected solution

The warehouse in Warsaw is a warehouse for project realization and servicing purposes. It provides access to parts and sub-assemblies that are indispensable for implementing projects for the company's clients and ensures availability of elements used to repair mobile hydraulics devices and hydraulic powered equipment manufactured by such companies as: Bosch, Siemens or Stihl. As the processes expected to be supported by a new IT system for warehouse management covered the management of a warehouse that is critical for the company business, the company was looking for a solution that would be able to meet the highest world standards. The decision to implement Qguar WMS was primarily motivated by the fact that Quantum software – as one of the few suppliers of solutions for logistics – has got



a compatibility certificate for the interface between Qguar and SAP systems. This fact unequivocally confirms the capability of the Qguar WMS system to communicate with a higher level host system of the SAP class and proves high level of technological advancement of the Qguar system.

Cooperation between Quantum software and Bosch Rexroth commenced with an implementation of the Easyway version of the Qguar WMS system. System unification and a relatively short time of its imple-

mentation constituted one of the major reasons for selecting the standard version of the system. Qguar WMS Easyway did not comprise any customizations or extensions. Therefore, when the scope of activities realized by the company got extended, the company decided to migrate to the WMS Pro version of the system. The desire to functionally extend the system concerned optimization of storage locations and possibility of supporting an increased number of orders. At first, Qguar WMS was integrated with the IBM AS400 environment. Since 2008, it has been cooperating with the SAP-ERP system.

Benefits

The main objective of Qguar WMS Pro was to order and optimize the processes related to reception, picking and release of goods from the warehouse. Among measurable benefits offered by the system, one can count the following: efficient and fast processing of orders; realization of a higher number of orders, while the same numbers of employees and means of transport are maintained; reduction of the number of mistakes and reduced level of required stock. Thanks to the function of automatic selection of storage locations, the implemented Qguar WMS Pro contributed to a better utilization of the warehousing space. Easy and clear access to information concerning goods location in the warehouse positively influenced work efficiency and picking quality.

The original Qguar WMS Pro system is a flexible solution, which allows its functions to be customized at will to meet particular needs of a Client. It was this system feature that encouraged the decision to upgrade and extend the system. In 2011, Qguar WMS Pro was successfully upgraded to the most recent system version. The new version enriched the work of warehousemen with additional functions that accelerated the processes of goods picking and release. Additionally, an annual stock-taking module was implemented. The module allowed warehouse differences to be minimized and considerably shortened the time required for the preparation and taking of the actual stock list.