

**DESCRIPTION OF THE QGUAR SYSTEM IMPLEMENTATION****Place of implementation:**

Jasin near Swarzędz

**Implemented system:**

Qguar WMS Pro

**Cooperation commencement date:**

2012.

**Warehouse operation mode:**

The warehouse operates from Monday till Friday. It stores between ten and twenty thousand pieces of products.



## Company profile

Roadway is a Polish company that was established in 2002. It specialized in the production of bathroom fitment products. Its offer comprises a wide assortment of shower stalls, doors, bathtub screens and shower trays. Roadway provides its clients with attractive high-quality products thanks to the implementation of new technologies, modern materials and new stylistic trends.

The main registered office of the company is located in Poznań. The Sanika company is the authorized distributor of Roadway products within the territory of Poland.

## Business line characteristics/challenges

Production companies place special emphasis on the introduction of innovative solutions that increase comfort and safety at work. Roadway takes care to modernize its products in such a way, as to constantly provide its clients with new aesthetic experience, while it always remembers to maintain a favourable price-to-quality ratio. Considering the present situation on the market, keen competition, as well as constantly extended range of offered products, the need to optimize warehousing processes was a very important issue for the company.

## Selected solution

The decision to choose Qguar WMS Pro was motivated both with the quality and with the possibility of system customization to meet individual needs of the client. As Quantum had an appropriately qualified and prepared team of specialists at its disposal, it could provide the company with comprehensive services that comprised: design, installation, training, implementation, assistance after system launching, as well as the guarantee and post-guarantee servicing of the delivered system. Over an interface, Qguar WMS Pro cooperates with two Symfonia systems (one Roadway system and one Sanika system). Both companies work in one building and use one warehouse.

## Benefits

Thanks to the implementation of Qguar WMS, the company acquired support in the process of managing products manufactured by the company itself or delivered by external suppliers. Goods are stored in big-sized cardboard boxes (shower stalls, doors) and in bulk (accessory fitments). Qguar WMS Pro made it possible to plan the optimum picking paths for warehouses, according to different algorithms, including the weight priority algorithm that forces an operator to pick heavy products first. The system also allowed multiple product releases for a client to be combined into one joint shipment. This contributed to the reduction of shipment costs and optimization of warehouse operation.

The possibility of fast, precise and comprehensive stock taking in the warehouse was another important issue for the company. The Qguar WMS Pro system offers the possibility of implementing special stock-taking scenarios that allow one to easily carry out stock-taking operations for a selected part of a warehouse, and to do so without totally blocking the flow of goods through the rest of the warehouse. The majority of operations carried out in the Qguar WMS Pro system is performed by means of radio terminals. This technology rationalized the warehousemen's work, reduced the number of mistakes and improved the quality and speed of picking goods for shipment. As a result, system implementation translated into increased overall efficiency of warehouse operation. Moreover, Qguar WMS Pro has got a set of ready-to-use, customizable reports that allow the company to generate information concerning currently realized warehouse operations, articles in stock, efficiency of realization of particular process, such as: the number of realized deliveries, shipments and transport orders.

The fundamental result of the changes introduced in the company consists in the rationalization of warehouse functioning. Automation of warehousing processes increased considerably the quality and the comfort at work. Elimination of paper documents contributed to an increase of the work speed and reduction of the risk of mistakes.

