

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

ul. Syrenia 4, 61-017 Poznań

**Implemented system:**

Qguar WMS with elements of Qguar MES

**Cooperation commencement date:**

2007



## Company profile

Schrader Internationale Logistic with the company seat in Poznań is a member of the Schrader group of enterprises. The company offers comprehensive logistic solutions, adapted to requirements of individual clients. Schrader provides its services to enterprises that operate in food, packaging, pharmaceutical and cosmetic, automotive, plastic production, hardware and other industries. To cover the needs of food industry clients, the company implemented HACCP and Food Defence procedures. The logistic centre of Schrader Internationale Logistic located in Poznań is a facility with 44,000 m<sup>2</sup> of floorage and it operates 24 hours per day.

## Business line characteristics/challenges

Schrader Internationale Logistic provides a wide spectrum of logistic services. The company provides its clients with effective production logistics, contract logistics, delivery and warehousing support, including customizing and packing and co-packing. One of important challenges faced by Schrader IL in its business operations originates in the variable profiles and needs of company's clients. This situation requires the company to implement simultaneously discrepant models of goods flow management or to adopt a variety of picking strategies.

In the face of the scale of its business operators, the number and diversity of its clients, it becomes very important for the company to efficiently monitor the flow of goods and to do so without errors. A part of Schrader Internationale Logistic deliveries is realized within the just-in-time model. This, in turn, requires high precision in logistic operations planning and close cooperation of the warehouse with the transport sector.

## Selected solution

In order to improve its services, Schrader Internationale Logistic chose to implement the Qguar WMS warehouse management system. The software developed by Quantum cooperates with automatic goods identification tools used in the company's warehouse. This fact reduces the risk of potential errors, while reducing the time required to receive and issue goods and to carry out stocktaking operations. The system communicates with warehouse staff through mobile terminals, which allows it to remotely delegate tasks and report works progress. The solution provided by Quantum was enriched with elements of the Qguar Manufacturing Execution System. Thus, the company was able to meet the needs of these clients, who expect support in the domain of production logistics. In view of positive assessment of Qguar systems and cooperation with Quantum over several years, the company decided to upgrade the WMS system to version 6.0.

## Benefits

Thanks to combined capabilities of Qguar WMS and Qguar MES, Schrader IL operates a unique and efficient tool that supports the company in its capacity of a leading logistic operator. The software allows the progress of works realized in the warehouse to be monitored in real time, which allows the company to face the challenge of demanding delivery deadlines. On-going and remote access to data allows the company to quickly and precisely notify its clients about their delivery statuses. Thanks to high configurability of the Qguar WMS system, Schrader Internationale Logistic can quickly adapt its logistic processes to individual needs of each client. As warehouse management has been automated, it has become possible to precisely distribute particular tasks over time, which facilitates considerably just-in-time realization of deliveries.