

# Examples of use

## MOBILE DATA COLLECTION

### Mobile Terminals

#### Optimisation of inventory management in the motor vehicle wholesale industry

##### Task / problem

The starting point of this case study was the switch from the manual recording of all order processes and movements of goods. Customer orders previously arrived via telephone, fax or the Internet. These orders were subsequently recorded by the employees and entered into the central goods management system. The delivery note that was then generated was printed out in the warehouses and, at the same time, served as a picking order. The responsible employee fetched the ordered goods from the shelves and placed them into the picking container. Once the employee had processed their orders with the aid of the delivery note, the goods were brought to Outgoing Goods and made ready for dispatch. Consequently, a great time of time was lost due to no cross-order picking and respective optimisation of the routes.

##### Procedure

Together with a longstanding partner, the introduction of paperless picking was suggested. A clear advantage is the direct online booking of all processes within the warehouse and the optimisation of the routes. The implementation is possible thanks to the use of mobile terminals. In doing so, great importance was attached to ergonomics, functionality and simple operation. Without these basic requirements, the smooth sequence is not ensured in the branch warehouses.

##### Result

The desired real-time bookings are performed via a direct connection of the mobile terminal to the goods management system via WLAN. The customer benefits from the reliability in terms of the inventory and accuracy that is achieved as a result as well as the accelerated process that can be attributed to the paperless working method. As a result, the quality of customer service was ultimately improved to a significant extent thanks to higher availabilities and faster deliveries.

