

CASE STUDY

Effective warehouse management at Anton Röhr Logistyka Sp. z o.o.



OBJECTIVES OF THE IMPLEMENTATION:

- Improvement of warehouse operations
- Wireless network construction

BENEFITS OF THE IMPLEMENTATION:



Reliability and
network security



Efficient product
identification



Faster goods
picking process



Professional
marking of
warehouse
locations



Error
minimisation



Increased work
efficiency

Anton Röhr Logistyka Sp. z o.o. is one of the companies belonging to the Anton Röhr Logistic Group from Germany, which has been operating in Mosina near Poznań since 2000. The Polish company specialises in warehouse logistics and new furniture logistics. The company handles the transport of ca. 80 incoming and the same number of leaving trucks every day. At present, it employs close to 150 employees.

Before the furniture produced in Poland and neighboring countries reaches their recipients in Germany, it is transported to the warehouse complex in Mosina. There, the process of completing goods takes place in accordance with the orders placed by contractors.

As a result of the warehouse space expansion, the previous solution as regards warehouse operations turned out to be inefficient. To ensure the proper warehouse functioning, Anton Röhr Logistics decided to introduce improvements. To that end, the company turned to SKK S.A. with the task of wireless network building, implementation of automatic product identification and functional organisation of the warehouse space.

SKK proposed to use Cisco radio access network, Honeywell terminals and location plates. The radio network based on access points and a controller enables to control the whole network and respond quickly to the changing environment and circumstances by changing its operation parameters. This smart management significantly relieves the administrators.

Wireless network construction in Anton Röhr Logistyka warehouse was preceded by wave propagation measurements. SKK specialists identified the sources of interference relating to frequencies used by WLAN and areas with strong radio signal attenuation and scattering. Professional measurements enabled to design the network precisely. Next, SKK specialists installed and configured devices operating within the system.

In order to organise the places or positions in the warehouse, location plates were used. Special metal plates installed in the floor are a very durable solution. They are characterized by high durability and resistance to damage, including scratches, which could occur, for example, when slipping pallets under the rack or driving a forklift truck. Almost 5,000 pallet places were marked by means of location plates.

The solution implemented for Anton Röhr Logistyka by SKK stands for high mobility as the employees have continuous access to the network at any place in the warehouse. The installed wireless network with the highest quality hardware guarantees reliability. All warehousing operations take place smoothly, there is no downtime and that means time saving and greater work efficiency. It is worth pointing out that the implemented network type is secure and no information concerning the company operations leave outside.

Thanks to providing employees with branded wireless terminals, goods identification in the process of picking or other operations runs much more effectively. This is also possible thanks to the professionally constructed and efficiently operating radio network. In turn, organising the warehouse space with specialised marking facilitates doing any activities which take less time and do not result in any errors now. Within the cooperation, SKK carried out the relevant training for employees and ensured maintenance and guarantee services.



Lech Rosochowicz

IT System Administrator



I am highly satisfied with the cooperation with SKK. Its employees are high-class specialists who respond to our needs during the implementation really fast. Now, picking in the warehouse is carried out fast and precisely. What is more, the solution enables its expansion and the implementation of voice communication in the future.