



Geis Group focusses on Innovation: Smart Watch increases Efficiency and reduces Errors

How the Geis Group is switching to NIMMSTA technology in three areas

FACTS

10 %

lower error rate

APPLICATION

The Smart Watches are used in the shed sheet system, for labelling and route distribution.

RESULTS

- Picking time was reduced by 12.5 % and the previous error rate by 10 %
- Employee satisfaction increased significantly, especially in terms of ergonomics and user-friendliness
- Geis is also planning to roll out NIMMSTA in other areas due to its positive impact on efficiency and safety

USE CASE

The Geis Group has made significant technological progress in its logistics processes by introducing the NIMMSTA Smart Watch. This innovative technology enables efficient and error-free hands-free picking, reducing picking time by 12.5 % and the error rate by 10 %. Used in the shelving system as well as in labelling and route distribution, the Smart Watch not only increases efficiency, but also employee ergonomics and satisfaction. Due to the outstanding results, Geis is planning to use Smart Watch technology in other areas and processes in the future.

CUSTOMER



INDUSTRY

Transport/Traffic/Logistics

GEIS GROUP

The logistics sector is an essential part of global economic cycles, and for Geis in Gochsheim it forms the core business of the company. As a provider of customised transport solutions and comprehensive logistics services, smooth logistics is essential for day-to-day business operations.

Geis is constantly striving to innovate in order to increase the efficiency of its processes. However, the traditional methods of order picking and route distribution had reached their limits.

”

„With the innovative Smart Watch technology from NIMMSTA, the Geis Group has gained a real competitive advantage. Thanks to the free hands in picking, we are now much more efficient.“

Benjamin Kast, IT Manager Operations bei Geis

CHALLENGE

PERFECT ERGONOMICS AND ERROR-FREE

The biggest challenge for Geis was to process picking orders flawlessly and ergonomically. Handling the boxes with traditional MDE devices was impractical in the long term and called for a modern solution.

USE OF THE SMART WATCH

SHEETING, LABELLING AND ROUTINE DISTRIBUTION

The introduction of the NIMMSTA Smart Watch was a major turning point for Geis. This technology is primarily used in the shelving system. The first step is to pick the crates: the corresponding storage location is displayed on the Smart Watch, then scanned and finally the crate barcode is scanned.

The item to be picked, the quantity and the crate size are then shown on the display. If it is the wrong box, the Smart Watch gives an acoustic and visual signal. The error message must be confirmed on the touch display, which significantly reduces the error rate.

The NIMMSTA Smart Watch is also used for labelling and route distribution. A scan of the crate generates the label. The crate is then transported on a conveyor belt to route distribution and scanned again to display the correct route. Once the crate is on the pallet, this is also scanned.

RESULTS

INCREASING EFFICIENCY AND REDUCING THE ERROR RATE

The results are impressive: with the NIMMSTA Smart Watch, numerous picks are carried out daily in the shelving system and many crates are scanned for labelling and route pallet loading. This has significantly shortened the picking time and considerably reduced the error rate. Benjamin Kast is positively surprised:

”

„We already had a very good error management system in place, and I was pleasantly surprised that we were able to reduce the error rate even further with NIMMSTA.“

Employee satisfaction increased noticeably. A feedback survey showed that the Smart Watch scored almost full marks in the areas of ergonomics, ease of use, application in daily workflows and hands-free working, and Geis plans to roll out the Smart Watches extensively in other work areas and processes in future on the basis of these excellent results.

IN THE FUTURE

MORE THAN A SMART WATCH

The NIMMSTA Smart Watch has proven to be a real asset for both the decision-makers and the employees at Geis. The ability to leave the MDE device aside and work with two free hands has not only increased efficiency, but also employee safety and satisfaction. This technological advance represents a significant step in the modernisation of logistics processes and positions Geis as a pioneer in the industry. NIMMSTA's Smart Watch technology is more than just a tool - it is a milestone in the further development of the logistics working world.

About NIMMSTA

NIMMSTA enables high-performance picking with the world's first Industrial Smart Watch, fundamentally revolutionising intra-logistics. The optimised picking workflows are displayed on the innovative Smart Watch. Thanks to the bidirectional interaction between the worker and the WMS, picking processes are up to 50% more efficient. This also achieves a zero error rate. Workers are impressed by the high level of wearing comfort thanks to the ergonomically customised positioning.

NIMMSTA GmbH
Moosacherstraße 73
80809 Munich