



Outstanding ergonomics ratings: Tabacon's success with the touchable Smart Watch

AREA OF APPLICATION

The Smart Watches are used for the order picking and storage processes.

USE CASE

tabacon, one of Germany's largest tobacco wholesalers, uses the NIMMSTA Smart Watch to make its logistics processes more efficient and flexible. The Smart Watch is used for order picking and item stocking. The work processes have been significantly more productive since then. The employees are particularly impressed by the handling of the wearable - orders can be processed directly on the wrist. The seamless integration with etiscan and the high level of user-friendliness optimise the work processes considerably. Based on the positive results, tabacon is planning to further expand the use of the NIMMSTA Smart Watch.

RESULTS

- Increased efficiency: 1,580 picking processes and around 170 orders a day are processed more productively and error-free thanks to the NIMMSTA Smart Watch.
- Improved ergonomics: high wearing comfort and free hands achieved top results in an internal survey. Employee satisfaction and efficiency have increased significantly.
- Smooth integration: The Smart Watch has been seamlessly integrated into the etiscan system and simplifies all processes, including special cases such as empty notifications.

CUSTOMER

tabacon

INDUSTRY

Wholesale

PARTNER

etiscan
IDENTIFIKATIONSSYSTEME

About tabacon

tabacon is one of the largest tobacco wholesalers in Germany and has been supplying a broad customer base with tobacco products, e-cigarettes, liquids and a wide range of confectionery and other products since 1922. With over 120 employees at 3 national locations, tabacon ensures that all orders are processed quickly and reliably.



„The NIMMSTA Smart Watch has made our processes much more efficient and convenient. The integration with etiscan was seamless and everything now runs simply and easily via the Smart Watch.“

Jörg Kleemann, Head of IT at tabacon

Challenge

A smooth and efficient process is crucial in order to manage the wide variety of products, which is characterised by different types of packaging and diverse code types. One particular challenge is that the codes are attached to the products in different places, which makes the warehouse processes more complex. In addition, legal requirements such as Track & Trace must be precisely adhered to in order to ensure complete traceability of the products. To increase efficiency and offer employees more freedom of movement, tabacon opted for a lightweight, flexible and mobile wearable solution.

Picking

With the NIMMSTA Smart Watch, tabacon has found an innovative solution that fits perfectly into the existing processes. The watches are used both for order picking and for picking items. In the latter case, the employee scans the item and the smart watch shows which storage location the item belongs in. This ensures that the storage process is carried out quickly and without errors.

During order picking, the first step is to scan the container in which the goods for the order are collected. All relevant information about the item, such as storage location, item and quantity, is shown on the touch display. If a product is not available, this can be noted directly via the options menu as a 'zero quantity' so that the employee can continue working without interruption, and the quantity to be removed is displayed via a button. Pressing the button opens a numeric keypad that can be used to enter the serial number manually if the barcode is not legible. The serial number is usually scanned and then automatically linked to the order. In addition, all error messages and notifications are displayed on the smart watch, which ensures a smooth process. The entire process, the data flows and the user-friendly screens that are visible on the NIMMSTA devices were programmed by etiscan.

Integration of NIMMSTA and Business Central by etiscan

The implementation of the NIMMSTA Smart Watch by our partner etiscan went smoothly. Thanks to the interfaces and processes configured by etiscan, the Smart Watch could be seamlessly integrated into the existing infrastructure, allowing all relevant information to be efficiently forwarded to Business Central.

tabacon can use a customised solution that is tailored to the company's specific requirements thanks to this comprehensive integration. According to Mr Kleemann, the implementation was very simple and straightforward, as all special cases - such as empty notifications and serial number tracking - can be controlled directly via the smart watch. The companion device is only used for pairing and is then no longer picked up - a major gain in terms of freedom of action and efficiency.

Measurable successes

Every day, around 1,580 picking processes for around 170 orders are carried out with the smart watch. In an internal survey, the NIMMSTA Smart Watch was particularly praised by tabacon employees for its excellent ergonomics and high wearing comfort and achieved top ratings.

By using the NIMMSTA Smart Watch in conjunction with etiscan's software, tabacon was able to optimise its logistics processes and significantly improve working conditions for its employees. The solution offers a mobile, lightweight alternative to conventional scanners and enables efficient working with maximum freedom of movement - ideal for the requirements of one of Germany's largest tobacco wholesalers.

More Smart Watches in the future

The positive experiences with the NIMMSTA Smart Watch and the successful integration by etiscan have convinced tabacon. Further smartwatches will be integrated into the logistics processes by the end of the year and the application will be extended to additional work areas. tabacon is thus focussing on long-term efficiency and optimal working conditions for its employees.

About NIMMSTA

NIMMSTA enables high-performance picking with the world's first industrial smart watch, fundamentally revolutionising intralogistics. 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. The high level of wearer comfort thanks to the ergonomically customised positioning impresses logistics staff.

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