

# Aimtec has digitalised the movements of goods at the warehouse of German multi-channel bookseller Weltbild



Modern Zebra TC51 Android-based mobile terminals, rugged DS3678 scanners for long-distance scanning and e.g. the CS4070 pocket sensor for pickers – Aimtec has supplied all this to the new distribution centre of the German multi-channel bookseller Weltbild. The delivery was preceded by consultations with Aimtec’s Technical & Support Director Petr Stejskal, whose detailed knowledge of logistical processes helped him to propose the ideal hardware solution. Weltbild turned to Aimtec in August of 2017 to ensure that the warehouse would function smoothly during the peak Christmas season. The short deadline was not a barrier for Aimtec.

### **Digitalisation and redesign of warehouse processes**

Weltbild's large central distribution warehouse supplies goods to over 140 brick-and-mortar shops and also serves thousands of customers ordering online. Meanwhile its warehouse in Bor in the far west of the Czech Republic uses an essential WMS system. Weltbild decided to make its processes even more efficient and to switch to completely paperless logistics. With its over 20 years of experience, Aimtec helped them to acquire the most appropriate hardware for critical warehouse processes. In a very short time it tested and then delivered hand-picked equipment models to support the flawless functioning of deliveries during the Christmas rush.

### **Registration of goods movements using mobile terminals**

The distribution centre has switched to the digital registration of all warehouse movements via the scanning of barcodes on goods. Weltbild consulted with Aimtec so as to choose suitable equipment for the processes of receiving and storing goods and preparing customer orders. Upon agreement with the customer, modern multi-functional Zebra TC51 terminals with large, high-quality displays, long battery life and endurance in an industrial environment were supplied. Operators wear these mobile terminals – nearly 150 of them – using special cases with wrist straps. This increases their freedom during goods manipulation while maintaining their nonstop access to information. For forklift-based goods receipt and storage, the TC51 terminals are supplemented with 28 Zebra DS3678 long-range sensors, which enable barcode scanning at a distance of several metres. The last scanner type included in the investment was the small Zebra CS4070 – 120 of them for the pickers. These are connected with the TC51 terminal over Bluetooth, just as the DS3678 scanners are.

### **Hardware/software integration**

One key element in the delivery was the connection of the equipment to the customer's WMS system using a Citrix client. Aimtec recommended advanced configuration using Zebra's StageNow tool. It likewise ensured user "lock-in" to the WMS application by deploying the Enterprise Home Screen tool. The basic hardware delivery was performed in record time: just two weeks. Aimtec achieved this feat thanks to proactive cooperation with the HW producer Zebra and the client.

Christian Sailer, Weltbild's CEO, states: *Aimtec was a reliable and competent partner for us in introducing paperless processes at the Bor warehouse, and in the quick integration of the new software and hardware.*"

*"We won Weltbild over with our knowledge of mobile terminals and of logistical processes. We could understand the needs of the central warehouse and recommend suitable hardware. We were also able to directly connect them to the customer's information systems",* says Aimtec's Technical & Support Director Petr Stejskal.

### **Weltbild Gruppe**

Weltbild is the largest multi-channel bookseller in Germany, and with its 83% brand-recognition index, it is that nation's most-recognized brand (BrandIndex). Weltbild, founded in 1948 as a Catholic publisher, is among the leading European companies dealing in books, media and the internet. It newly lies under the majority shareholder Droege Group AG. Via e-shops, direct marketing, brick-and-mortar shops and social networks it brings in millions of customers per year. Weltbild is number 2 in online book sales, and as the co-founder of the successful Tolino Alliance, it is number 3 in the growing field of e-books.

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customers worldwide, in a variety of cultures and with a variety of management approaches. We foresee a world in which managers can lead their firms into the digital future almost singlehandedly thanks to our superb expertise and innovative software solutions.

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