



SCANBOT

BARTRACK

CASE STUDY

98% accurate Barcode Scanning integrated within one day

BarTrack

Company overview

A Dutch provider of digital inventory management and restocking solutions in the B2B sector.

Company size

20+ employees

Availability

iOS & Android

Development platform

ReactNative

Use case

Barcode Scanning that allows the integration of products into an all-digital restocking & inventory management workflow.



The goal

BarTrack wanted an accurate Barcode Scanning solution they could integrate into their iOS & Android applications to enable automated ordering processes and reduce errors caused by manual data entry.



The challenge

For this use case, BarTrack required an accurate and reliable Barcode Scanner SDK that works without friction, even without an internet connection, or under low light conditions. Another critical requirement of BarTrack was cover for a wide range of barcodes, such as the rarely used standard MSI Plessey and other symbologies typically used by suppliers.



The solution

With the Scanbot SDK, BarTrack integrated a cutting-edge scanning component into their mobile applications, combining a flawless user experience (UX) with reliable scanning results. Integration took only a single day, due to the detailed documentation, ready-to-use UI components, and comprehensive customer support.

KEY RESULTS

Result one

100% experienced accuracy

Result two

Short time-to-value

Result three

Unlimited scanning



“Very pleasant cooperation with the team. Very smooth communication via Slack and great to see that agreed-upon targets were actually met! It was really a joy to work with Scanbot.”

— **BART GROL,**
CEO @BarTrack

FAST INTEGRATION & HIGHEST ACCURACY

BARTRACK FACED THE FOLLOWING CHALLENGES



Dutch company BarTrack designed a mobile solution that connects businesses with currently around 20 industry-leading wholesalers. The vision: to digitize automated ordering processes and inventory management. As an independent provider, they created an app for efficient digital ordering and inventory management processes.

FAST INTEGRATION & HIGHEST ACCURACY

BARTRACK FACED THE FOLLOWING CHALLENGES

One of the desired key functionalities of BarTrack's mobile application was to bring physical products into the digital workflow through barcode scanning capabilities. Using these scanning components, users can scan the barcode on an item and directly order it from their chosen supplier – all on their smartphones. Currently, over 1.9 million products can be seamlessly ordered in this way.

Besides a smooth user experience, precision was a core factor for BarTrack when choosing the right SDK. When replacing error-prone, manual entry with digital alternatives, high-accuracy data capture is critical to actually save users time and money compared to conventional ordering and inventory management workflows. Thus, BarTrack needed their chosen Scanner SDK to create perfect results, even under bad lighting conditions, without a stable internet connection, or from difficult angles. To create a suitable service for a variety of wholesalers and businesses, cover of a large range of barcode standards was another critical requirement.

Additionally, BarTrack needed a scanning module suitable for hybrid development on iOS and Android via ReactNative, a multilingual user interface, and ready-to-use components.



THE PERFECT FIT

HOW SCANBOT HELPED BARTRACK CREATE A FIRST-CLASS USER EXPERIENCE



BarTrack's team sought an SDK provider with a proven track record. With 10 years of experience in scanning and data extraction, Scanbot provided them with the perfect solution. The Scanbot SDK's fixed pricing model, ready-to-use UI components, and high-precision scanning of a wide range of covered barcode types, including MSI Plessey, met all of BarTrack's requirements.

Scanbot's next-generation Barcode Scanning v3 engine combines speed, accuracy, and flexibility. With a rate of 113 scans/minute, around 98% accuracy, and sophisticated features like multi-scanning and barcode filters, it is the ideal solution for Barcode Scanning use cases across industries.

Launching a new app project requires finding solutions quickly, keeping both integration time and upfront paperwork at the minimum. Scanbot's simple licensing model, comprehensive customer support, and easily integrated RTU UI components were thus the perfect fit for BarTrack. And: They successfully added the module to their application within just one day.

PLACING ORDERS WITH JUST ONE CLICK – SCAN 113 BARCODES PER MINUTE WITH BARTRACK & THE SCANBOT SDK

Ordering items became a single tap with BarTrack and the Scanbot SDK. Let's take a look at what an ordering workflow looks like in the BarTrack app:



A user wants to restock an item.



They open the BarTrack application and scan the article's barcode using the **Scanbot Barcode Scanner SDK**. User guidance leads them into the perfect scanning position, enabling automated scanning with precise results.



The corresponding item is displayed. Now, they select a quantity and their preferred wholesaler.



The order is forwarded to the wholesaler automatically.

This workflow takes just seconds, allowing businesses to place orders and manage their inventory both easily and rapidly. Together with Scanbot, BarTrack now offers their customers an effortless restocking workflow based on mobile Barcode Scanning with an experienced accuracy of 100%.

BY INTEGRATING THE SCANBOT SDK, BARTRACK BENEFITS FROM THE FOLLOWING RESULTS:



113 scans/minute



Fast integration



WOWed users



Wide range of
Barcodes



SCANBOT'S MISSION AND VISION



Originally, Scanbot wanted to scan everything: from simple barcodes to freight bills, medical certificates, and invoices – and now it can! There are endless ways this can make things easier for businesses and their customers. Our easy-to-integrate software simplifies workflows in document management, customer onboarding, sales, or HR.

Now, Scanbot applies machine learning to understand each individual document type. This opens up new usage scenarios, such as automated document workflows, and creates even more opportunities to connect and work with data in real-time.

Besides, Scanbot highly values the security of its users' sensitive data. The Scanbot SDK works exclusively with on-device intelligence, which keeps documents safe from any external or man-in-the-middle attacks. No data is ever stored on Scanbot's servers or any third-party servers, satisfying the highest data protection standards.



READY TO EXPLORE SYNERGIES?

Our solution experts are happy to assist with your questions about functionality, integration & best practices.



Let's connect

Scanbot



Write an email

sdk@scanbot.io



Schedule a call

<https://scanbot.io/en/contact>



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