

# flaschenpost saves 25 seconds per delivery thanks to the Barcode Scanner SDK





# flaschenpost

flaschenpost is one of Germany's leading online grocery stores. Founded in 2016 and based in Münster, the company delivers beverages and groceries to homes and offices in 120 minutes or less. Today, flaschenpost serves customers in more than 200 German cities with its logistics and technology expertise. Since 2020, it is part of the Oetker Group.

**Industry**

E-commerce

**Company size**

17,000 employees

**Development framework**

vue.js with Ionic

**Availability**

Web

**Product**

[Web Barcode Scanner](#)  
[SDK ↗](#)

**Use case**

Scanning barcodes on empty bottles to pre-register refundable deposit before collection





## Goal

In Germany, retailers are required to take back certain empty containers, including many types of bottles, and give a small refund in return. Consequently, flaschenpost's delivery drivers often had to take the time to count empty bottles and determine the deposit to be repaid.

flaschenpost aimed to eliminate this delay by integrating barcode scanning functionalities into its mobile app. Customers can then register the refundable deposit in advance by scanning the bottles' barcodes, saving drivers valuable time.



## Challenge

flaschenpost sought a solution that would make it easy for people of all ages and abilities to quickly scan the barcodes on their empty bottles, even if poorly lit or damaged. Since the number of scans performed by customers could not be predicted, a fixed-price solution was preferable.

A suitable scanning solution had to integrate with flaschenpost's web app and be compatible with the company's frontend framework.



## Solution

The Scanbot Barcode Scanner SDK convinced the flaschenpost team with its high scanning speed and tolerance for damaged barcodes and poor lighting. Its intuitive UI makes it easy for customers to register their refundable bottles themselves, which saves flaschenpost's drivers around 25 seconds on average.

The Scanbot SDK is available at a fixed yearly fee for unlimited scans and devices. The precisely predictable cost makes it a future-proof fit for flaschenpost's use case.

Thanks to the SDK's high-quality documentation, the development team took only three weeks to integrate the new scanning functionalities into the web app.

## Key results



### Easy integration

Thanks to its comprehensive documentation and developer support, the Scanbot SDK ensures a short time to market.



### Flawless scanning performance

Damaged barcodes and poor lighting are no problem for the Scanbot SDK.



### Time savings

Drivers finish deliveries around 25 seconds faster, adding up to many saved hours.

"The Scanbot SDK's well-documented APIs made it easy for our development team to try its functionalities during the testing phase and quickly move them to production. This allowed us to keep the time to market down to just a few weeks."

Bastian Tigges

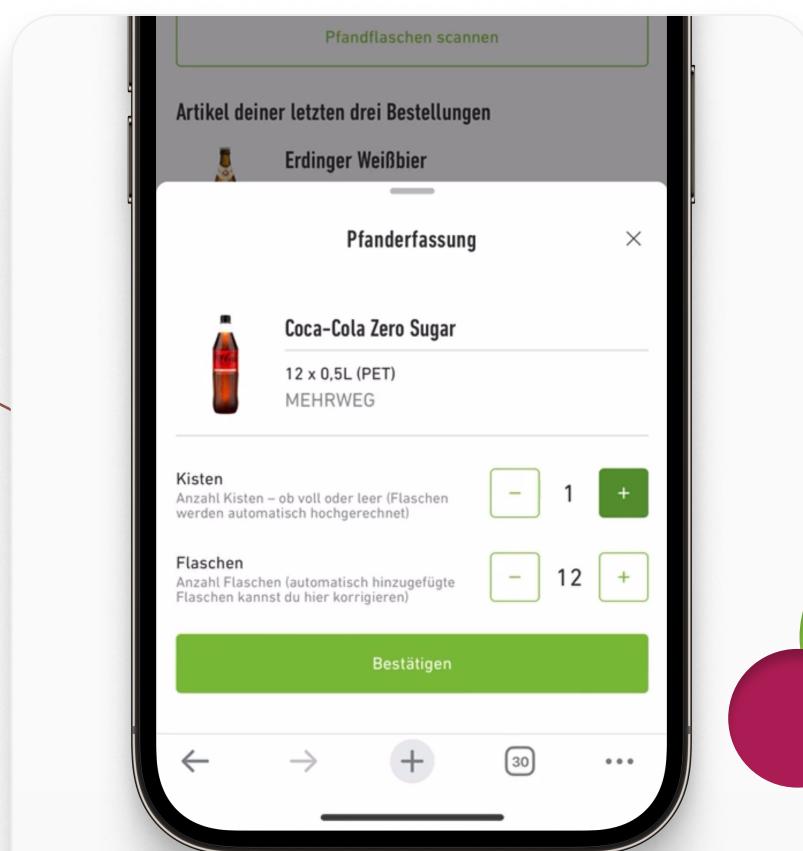
Product Owner – Team "Checkout" @ flaschenpost

# flaschenpost faced friction in the original workflow

flaschenpost asks customers to pre-register refundable deposit to keep the time per delivery to a minimum. Before the company had integrated the Scanbot SDK into its app, the customers' only option was to manually count their refundable bottles and determine the deposits themselves. Customers who were unsure what to enter, often canceled the pre-registration and left this task to the delivery drivers, costing them valuable time.

## flaschenpost's improved workflow with the Scanbot SDK

With the Barcode Scanner SDK, customers now have the option to quickly scan the barcodes on their bottles. The app then automatically registers the refundable deposit before collection. This eliminates any uncertainty on the customer's side, making pre-registration much more appealing and saving flaschenpost's drivers around 25 seconds per delivery.

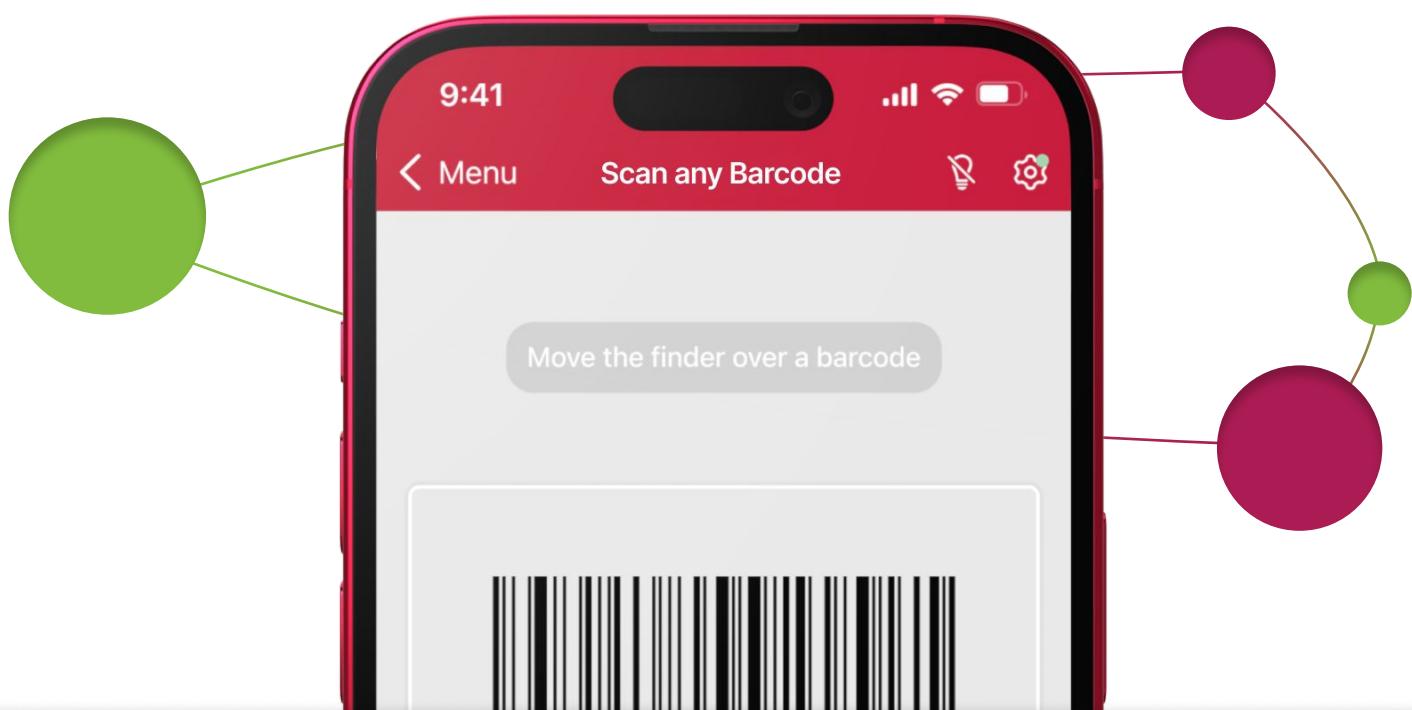


# Scanbot SDK's vision and mission

Our initial goal for the Scanbot SDK was for it to read all kinds of data via mobile devices – today, this has become a reality. The easy-to-integrate Barcode Scanning, Document Scanning, and Data Capture software creates virtually endless possibilities to streamline and facilitate processes for companies, employees, and customers alike, whether in retail, logistics, manufacturing, or healthcare.

We now build computer vision algorithms and machine learning models that understand all kinds of different data types. Our efforts open up even more possibilities for automated workflows that connect and process data in real time.

At the same time, we want to protect users' personal data, which is why we opted for on-device intelligence. Scan results are encrypted before transmission to keep them safe from any outside attacks. To guarantee maximum privacy, no data is ever sent to Scanbot SDK's or any other server.



Trusted by 250+ enterprises globally ↗

## Ready to explore synergies?

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