

CASE STUDY

Eliminate barcode scanning hardware with STRICH



JDM's client works in the retail delivery industry and needed a barcode scanning solution that would avoid costly hardware and complex integrations.

The Challenge

The client found industrial-grade barcode scanners can cost up to \$4,000 per unit and require ongoing management and maintenance.

The business faced several constraints stopping them from implementing the scanners:

- ❖ They employed multiple drivers with high turnover, so onboarding needed to be simple
- ❖ The solution needed to integrate seamlessly with their existing web application
- ❖ The capital expenditure for a fleet of industrial-grade scanners would have been \$16,000
- ❖ The cost and upkeep of new devices would become a bottleneck for growth

The Solution

STRICH was identified as a mobile phone barcode scanning library with great performance and ease of integration into web applications.

Now, instead of purchasing dedicated barcode scanning hardware, the client directs their drivers straight to the web app via their mobile phone, and the mobile phone camera is used to scan the barcodes.

JDM integrated STRICH into the existing web application by adding a button inside the scanning text fields. The button brings up the camera, and upon successful identification of a barcode, matrix code or QR code, the camera disappears and the driver is left with the successful scan result.

The Results

The business avoided a \$16,000 CapEx and the ongoing costs of device management, maintenance and replacement. The business can now scale their driver ops without hardware constraints.

Anyone with a mobile phone can scan barcodes, QR codes and matrix codes fast and reliably.

**Ready to digitise, automate and launch?
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