# Mobile Apps for Parcel Delivery

The growth of eCommerce has introduced new challenges to the delivery of parcels, and posts are seeking efficient ways to streamline the process. Mobile apps that allow for collection, transfer and display of data related to the status of delivery can be the answer to making things both easier and less costly throughout the delivery network, right to the last mile.
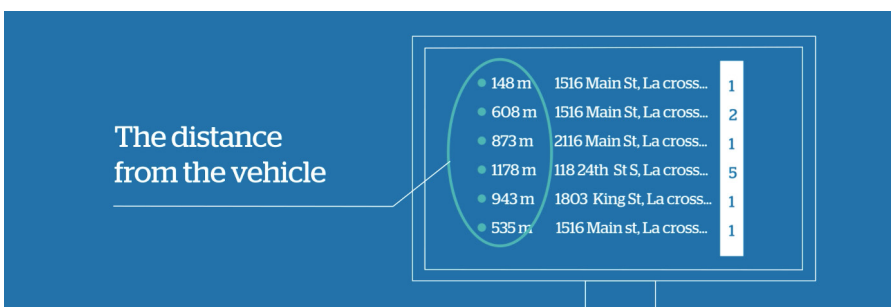
Imagine mobile apps available to every postal worker who comes in contact with a parcel destined for delivery. From the parcel sorting center to the delivery office to the delivery vehicle, each person handling a parcel can gather or access the information relevant to that package using standard mobile devices and web technology.


Let's start at the delivery office. The person loading the parcels on the delivery vehicle wears smart glasses with an image-lift camera and OCR to capture images of the parcel. Advanced recognition software processes the image and a postal address database search yields the result. The mobile app creates a list of addresses for the parcels that are scanned.

1803 King St,
Newcastle NSW 2300
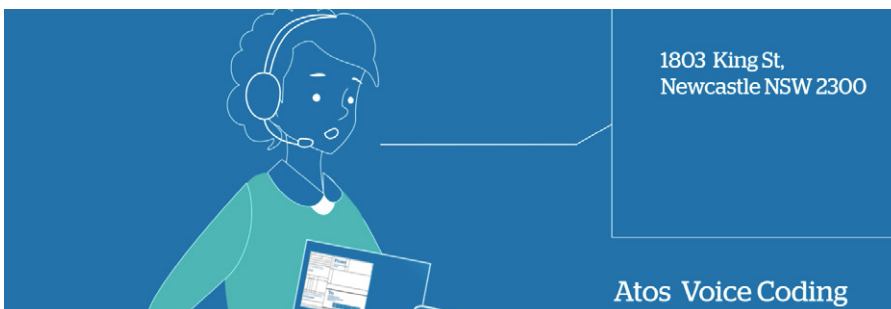
Atos Voice Coding

If the wearable OCR does not successfully read the address, the result can be obtained through voice coding, or hands-free video coding. The operator simply reads the address into the mobile app and advanced address database retrieval yields the result.

The distance from the vehicle

148 m	1516 Main St, La cross...	1
608 m	1516 Main St, La cross...	2
873 m	2116 Main St, La cross...	1
1178 m	118 24th St S, La cross...	5
943 m	1803 King St, La cross...	1
535 m	1516 Main st, La cross...	1

The scan or voice coding creates a file, available via a mapping app on a tablet or mobile device with the parcels sorted in delivery order. The list displays the number of packages per stop and the distance from the vehicle.

Atos

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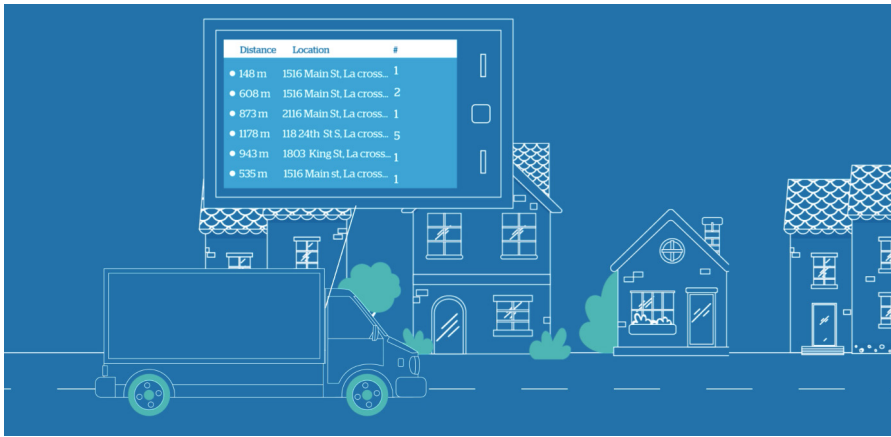
Once underway, a heads-up display (HUD) from the mapping app references the file using geolocation to provide notification of upcoming deliveries.

As the parcels are delivered or a card is left, the item is ticked off the list.

At the end of the route, the list shows the status of delivery for each parcel

Atos Mobile Apps for Parcel Delivery

Sort-to-light applications

Quality control

Missort analysis
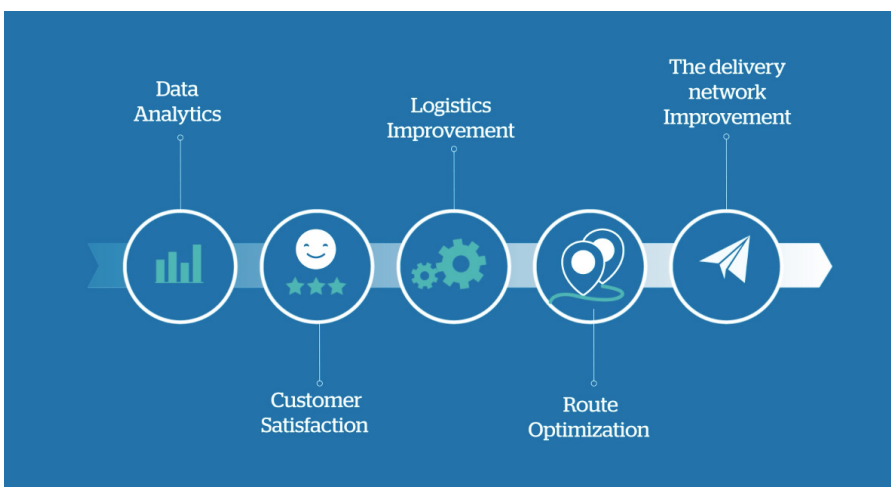
Hands-free barcode reading

Mobile apps for parcel delivery offer end-to-end tracking of packages in the delivery network but the potential does not stop there. Imagine the wearable OCR used for

- Sort-to-light applications
- Quality control
- Missort analysis, or
- Hands-free barcode reading

Consider the possibilities for mobile apps for parcel delivery to fill in detail for

- Track-and-trace
- Real-time selection of delivery time or location preferred by the recipient
- Delivery notification
- Delivery confirmation

Data Analytics

Logistics Improvement

The delivery network Improvement

Customer Satisfaction

Route Optimization

Consider too that as mobile apps for parcel delivery communicate with the Post's IT systems, the valuable data captured can be used for:

- Data analytics
- Customer satisfaction initiatives
- Logistics improvement
- Route optimization
- Continuous improvement of the delivery network

Mobile apps for parcels are a worthwhile and practical consideration for the posts who need an easy to use, convenient, universal solution for processing of parcels through the delivery network.