CASE STUDY

UrbanThings provided a smart mobility solution to Transport for London for Nightingale Hospital key workers during COVID-19 outbreak
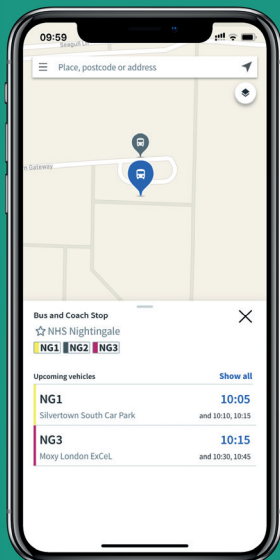
In April 2020, UrbanThings was chosen by Transport for London to provide them with a zero-hardware, smart mobility platform to track vehicles taking key workers to the new Nightingale Hospital in London.
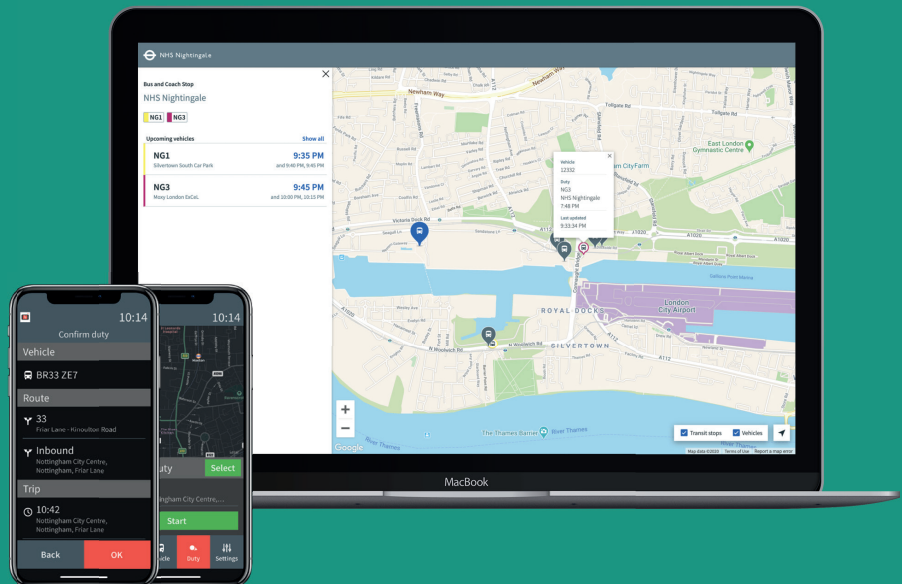
They required a solution that would provide real time travel information in an aim to reduce waiting-times at pick-up points, and help facilitate social distancing amongst NHS key workers.

The shuttle services had rapidly changing routes and pick-up points, and UrbanThings was able to quickly deploy a system that could adapt to these ever-changing requirements.

Ticketless On Board uses consumer-grade smartphones to track vehicle locations via GPS and converts them into real-time predictions. The solution is lightweight and portable meaning so there is no need for infrastructure-heavy systems.

THE URBANTHINGS SOLUTION

➤ Vehicle tracking for TfL shuttle buses going to and from the NHS Nightingale Hospital, London

➤ Lightweight iPhone and Android app for drivers to generate real-time vehicle location feed

➤ Full Integration with Ticketless back-office for easy fleet mapping and management

➤ Real-time arrival predictions are served to passengers by way of departure boards or passenger app

➤ Support for Open Data feed publishing (SIRI, GTFS-RT)

➤ Fully-managed SaaS solution

➤ Ticketless On Board can be extended to provide smartphone check-in, live occupancy tracking to assist with COVID-19 contact tracing

> We are proud of our work with UrbanThings to help us deliver innovative solutions quickly to help bring about transport improvements. By working with UrbanThings we were able to provide real-time arrival predictions to those essential workers who were travelling to the Nightingale Hospital, giving them the assurance that a shuttle bus service was on its' way.

Rikesh Shah
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