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.

UrbanThings provided a smart mobility solution to Transport for London for Nightingale Hospital key workers during COVID-19 outbreak

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
Head of Commercial Innovation - Transport for London