



POWERING PASSENGER INFORMATION EVERYWHERE

Looking for a future-proof, easy to implement real-time passenger information solution for your bus stops?



**SOLAR POWERED E-PAPER BUS STOP DISPLAY**

A ground breaking digital bus stop passenger information solution using solar powered wireless e-paper displays



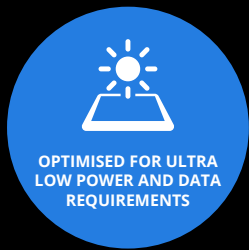
**CLOUD-BASED DATA MANAGEMENT PLATFORM**

Get instant and accurate real-time content to your passengers at every bus stop across your network



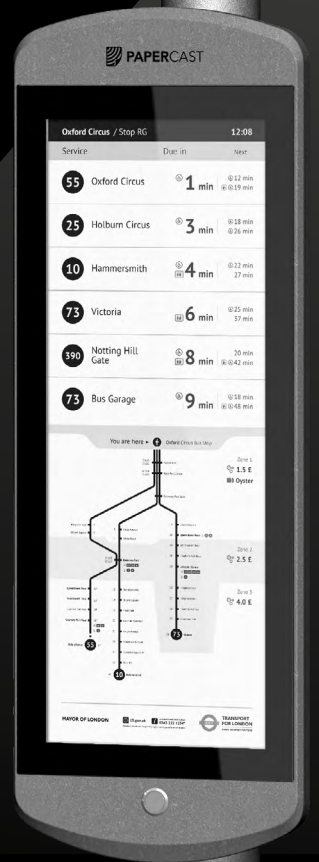
**IMPROVE THE PASSENGER EXPERIENCE WITH BETTER ETA**

Enhanced analytics improving the accuracy of bus arrival predictions with real-time insight on service performance



OPTIMISED FOR ULTRA LOW POWER AND DATA REQUIREMENTS

The power of e-paper is in its exceptionally low energy consumption. Papercast e-paper displays can be powered by a single solar panel yet still deliver the most sophisticated content of any standalone electronic display available today.



Working to improve customer experience and overall utilisation of public transport by keeping passengers more reliably informed.

# The future of real-time passenger information is here

Papercast specialises in passenger information, with a focus on solar powered, wireless e-paper digital bus stops. Our technology offers a distinctive combination of features, making the platform one of the most advanced solutions of its kind. We offer a complete, future-proof replacement for legacy electronic systems and traditional paper timetables, while providing the ideal technology platform for smart city public transport information solutions.



## Install

Solar powered with wireless connectivity, e-paper bus stop displays can be easily installed 'off-the-grid', within hours



## Inform

Effortlessly keep passengers fully updated with timely and accurate information at every bus stop across the network



## Impress

Revolutionary e-paper displays provide impressive visibility when compared to traditional display technology



# Solar powered e-paper bus stop display

*A ground breaking digital bus stop passenger information solution using solar powered wireless e-paper displays*

Papercast e-paper displays have been engineered with leading design principles of superior functionality and exceptionally low energy consumption. Now featuring our very own advanced e-paper driver (EPD) board, the all new Papercast quad-core processor breaks new ground in power performance and offers a combination of features not found in other solutions.

# Cloud-based data management platform

*Get instant and accurate real-time content to your passengers at every bus stop across your network using an intuitive management system*

Papercast's powerful cloud-based data management platform enables full remote management of every aspect of the e-paper displays in real-time. With instant integration with open data standards, the intuitive user interface has been designed for public transport operators that need to broadcast real-time passenger and public service information, easily and efficiently.



# Improved arrival time accuracy with Better ETA

*Enhanced analytics improving the accuracy of bus arrival predictions with real-time insight on service performance*

When it comes to real-time passenger information, passengers want to know precisely when the next bus will arrive. The question is how to ensure arrival data is reliable and accurate? The answer is Better ETA – an advanced analytics platform that normalises CAD/AVL data to significantly improve the accuracy of bus arrival predictions, and help achieve greater passenger satisfaction.

## FEATURES AT A GLANCE

# Solar powered e-paper bus stop display



### Sunlight readable

High contrast HD e-ink displays with night time LED illumination



### Solar powered

Market leading power, processing and data performance



### Wireless connectivity

Optimised data compression and transmission



### Display options

Standard and custom display configurations



### Seamless refresh

Local content rendering and partial screen update



### Fully protected

Ruggedized IP65-rated enclosure with accelerometer



### Easy installation

Standalone 'off-the-grid' display, installed in hours



### Complete control

Bespoke cloud based advanced management system



### Instant integration

Simple integration supporting major open standards



### Better ETA

Optional analytics to improve data accuracy

# Cloud-based data management platform



### Easy onboarding

Register and activate new displays using the management platform in just a few clicks



### Instant integration

Offers simple integration with GTFS, GTFS RT, SIRI and other data standards



### Complete freedom

The ultimate flexibility to customize content exactly how you want



### Make it your own

Create and customise your own layouts, apps and widgets using javascript Node.JS



### When it suits you

Publish content instantly or schedule for certain times



### Reduce perceived wait times

Share local news and information or generate advertising revenue



### Have absolute control

Manage every aspect of every display, at any time, from any device



### Stay protected

Receive notification in the event of attempted vandalism

# Improve the passenger experience with Better ETA



### Improve predictions

Understand your arrival time accuracy and improve it by more than 30%



### Instantly accurate

Better ETA makes real-time adjustments to your existing data feeds



### Simple integration

Directly disseminate better bus arrival predictions to your customers



### Customer satisfaction

Boost passenger satisfaction with better bus arrival predictions



### Analytics dashboard

Monitor all aspects of your service, in depth and in real-time



### Benchmark performance

Gather detailed insights and benchmark service performance



### Audit ready reports

Historical data recording for compliance and audit reporting



### Service enhancements

Supports operational decision making and service improvements