

Category: Traffic and Public Transport

Project: Papercast Design System

Papercast is a ground breaking digital passenger information solution using solar powered wireless e-paper displays. It is highly versatile in terms of real-time updating, visibility, configurability and infrastructure independence.

What was the challenge?

Challenges were how to create a universal system for presenting passenger information that is highly adaptable to a variety of contexts. And also, how to compensate for the lack of colour, how to streamline the development process on B2B level and finally, how to improve the clarity and relevance of information for the end-users.

What was the solution?

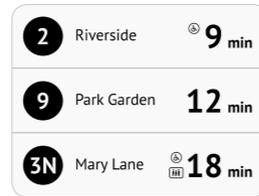
Based on the market requirements we developed modular information components on a common grid system. These "building blocks" can adapt to the given screen size, orientation and interaction requirements. The modularity enables the use of custom labels and other globally implemented identity elements specific to the transport system's requirements.

What was the effect?

Papercast is already developing or deploying configurations for clients such as FlixBus, TfL, BVG, GTT, RTA and Metrolink. These are just some of the +120 worldwide projects. Most recently, the system has enabled Papercast to quickly offer solutions in regards to the COVID-19 measures*.

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Efficient scanning; a quick glance offers basic service number and first arrival time. Additional info is progressively visible.



A dedicated set of vehicle attributes icons can display occupancy and accessibility as well as on-board services.



Using icons, patterns and micro-animations in order to emphasize important information.



Icons offering integrated hybrid and multi-modal transport options in a single view.

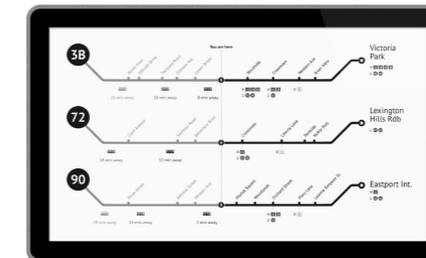


The modularity of information components allows quick prototyping and is a basis for custom solutions. All newly developed components can be re-used.

Shown display sizes are in proportion.



Adaptable to various use cases, placement, size and orientation such as overhead, bus stop, flagpole or wayshowing displays.



* Occupancy info shown as space left.

