React Interactive

React Interactive
Enabling safer travel by public transport

React Interactive is an innovative product that vastly improves accessibility on public transport and other city systems including pedestrian crossings and public venues such as shopping centres.

The React System is already the national standard for talking signs on public transport networks across the UK, and React Interactive is the next step towards achieving accessibility for all.

React Interactive makes a huge difference to people with cognitive and sensory impairments, giving them greater confidence to travel alone and enjoy more independent lives.

Part of the **r2p** group

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About React Interactive

What is React Interactive?

React Interactive is an open data service that further enhances the functionality of The React System by connecting it with other city systems and public transport networks.

The product is a combination of class leading talking signs, wayfinding hardware and support services based on the latest software technology including apps and databases.

The innovative technology is not only compatible with The React System, but it now adds independent connectivity to the cloud to support new datasets and an interactive back office. This allows third party apps to access an excellent data resource to improve their service to users.

Why React Interactive?

React Interactive is delivered using the latest cloud-based database technology and is recommended by the Royal National Institute of Blind People (RNIB) amongst other organisations.

What makes React Interactive more widely appealing is the ability for users to select journey planning and companion apps, and influence the environment around them in real time through a back office service.

React Interactive provides:

- Richer, more connected journey support for users

- Software that links the user to the stops, buses and other modes both ways

- Increased access to intelligence and advice about your passengers and the operation of your public transport network

- The potential for significant cost savings in your social care and transport budgets

- Compatibility with The React System and existing transport signs

- Local authority report and planning services

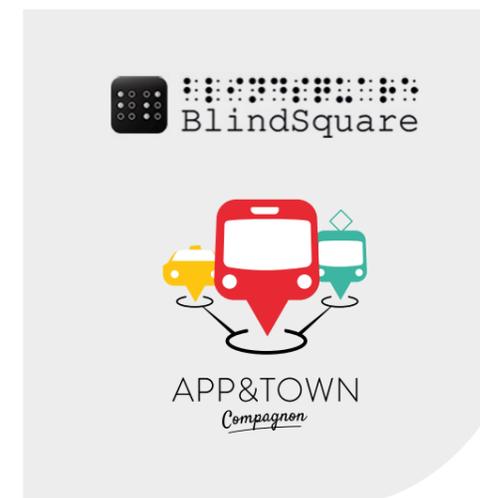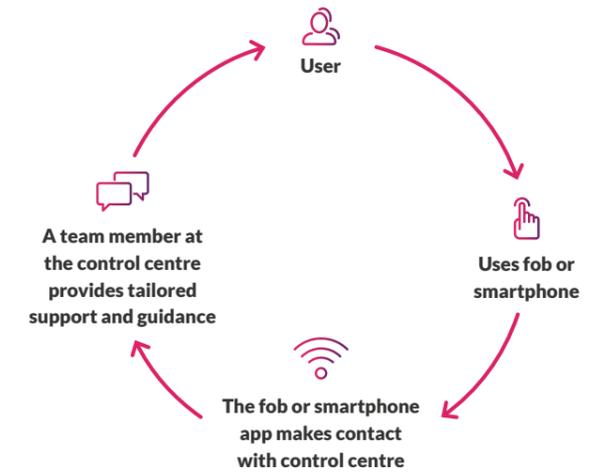# React Interactive – How it works
Trigger boards and smart device apps

React Interactive uses trigger boards and a Bluetooth app like The React System, but connects them to the cloud so users can plan ahead and be walked through their journey in real time using their handheld device or beacons.

The biggest benefit for users is the interaction with other smart systems such as connected transport signs, buses and traffic signals. For example, this connectivity can alert bus drivers discreetly about the needs of a passenger about to board the vehicle, or stop at a pedestrian crossing to allow the user to cross safely.

React Interactive also offers automated alarms for off route and potential danger situations; journey arrival alerts and the input of user profiles and saved journeys.

React Interactive is especially compatible with existing smart device apps such as Appandtown and Blindsquare.

User

Uses fob or smartphone

The fob or smartphone app makes contact with control centre

A team member at the control centre provides tailored support and guidance

BlindSquare

APP&TOWN
Compagnon

The React Interactive service allows users to:

- Plan and save journeys

- Be 'walked through' and monitored along their journey in real time

- Save a 'needs profile' to ensure information is presented in ways that are accessible to that particular user, for example to accommodate partially-sighted people, or people with Autism

About REACT Technologies

Why work with REACT Technologies?

React Interactive is one of our specialist accessibility products that make a genuine difference to people's lives.

Our reputation is built on our high quality products and technology, as well as the guidance, support and service we give to those tasked with delivering accessibility solutions to the public – at every stage of the project.

Committed, credible and cutting-edge

REACT Technologies is the only licensed European supplier and manufacturer of RNIB React Enabled accessibility technology in the UK.

You can trust us to bring innovation and credibility to you or your clients' projects, while positioning you as a trusted leader in improving public transport accessibility and encouraging independent living.

With over 10 years' experience developing and implementing accessibility technology, our knowledgeable teams can support you and your individual projects every step of the way. We provide complete peace of mind in what is often a challenging industry.

We'll work with you as an efficient partner, delivering the accessibility solutions you need in the most economic, simplest way possible.

RNIB React Enabled

RNIB supporting blind and partially sighted people