



Traffic Solutions Consultancy Services

Case Study: iBus

Major Project

Siemens assisted TfL in the delivery of their iBus project which saw the introduction of GPS bus priority at 1850 traffic signal sites.

The iBus system utilises Global Positioning System technology to track and pinpoint priority vehicles throughout the capital. This provides accurate passenger information and bus management as well as selective vehicle detection for vehicles requiring priority at signalised intersections and pedestrian crossings.

Consultancy Services worked closely with TfL and our Field Services, Project Management and Engineering teams to deliver the complete solution.

Our responsibility throughout the project included completing site surveys to inspect the suitability of the existing on street hardware and assess the positioning of virtual bus detection points.

Site feasibility was assessed using cost benefit analysis and sites deemed suitable progressed to the design stage of the project where a design drawing, site installation commentary, risk assessment and bus processor configuration were completed.

The completion of the installation, system configuration and site acceptance testing allowed TfL engineers to enable the bus priority at each individual site.

The project was completed ahead of the original schedule following TfL's requirement to increase the number of sites from 1600 to 1850 and iBus priority is now operational across the capital.

Contact Information

Brian Carpenter
Siemens Mobility, Traffic Solutions
Sopers Lane
Poole
Dorset
BH17 7ER

Tel: 01202 782000
Email: brian.a.carpenter@siemens.com



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www.siemens.co.uk/traffic

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