



LONDON BRIDGE BEST PRACTICE



Datascope Vehicle Management

Overview

As part of the London Bridge Redevelopment Project a web-based vehicle management system has been implemented to ensure the efficient management of vehicles entering and leaving the site. The programme was used on the Olympics, enabling real time management of vehicle deliveries and movements. The system allows logistics teams within the project to make best use of the time available to ensure an effective delivery system which begins at the project holding area in Druid Street some 300m from the main site entrance.

Innovation

In order for the system to work, each sub-contractor or delivery company has access to the 'Datascope' system. This enables them to book a delivery slot at a time that is convenient to them. If the slot has been pre-booked, they have to choose an alternate delivery slot, to ensure a quick and efficient turn-around. Bookings can be entered from any location, providing the user has internet access. The booking information is then downloaded and provided to the Delivery Manager who ensures the drivers keep to their allotted time. Once the deliveries arrive they are kept in a holding area until it is safe for them to enter site. The drivers are instructed to turn their engines off whilst waiting, reducing vehicle emissions and congestion on local roads. The deliveries are then marshalled in to site and instructed on the correct exit route from the site.



Not only does 'Datascope' manage delivery times, it is also mandatory for the person booking the delivery to provide a number of details on the delivery, such as distance travelled and the load capacity. The model then uses DEFRA conversion factors to predict the carbon dioxide emissions of all vehicle movements.

Benefits

- More control and visibility of vehicle movements;

- Better planning of material deliveries, allowing resource to be made available where necessary;
- The lorry holding area reduces congestion on local roads and helps eliminate complaints from residents;
- Reduces idling vehicles;
- Any queries regarding vehicles can be easily tracked and resolved;

Ref	Delivr_ID	Duration	Date	Description	Company	Contact	Action
11204	17062013070000	00:30	17/06/2013	Thomas Street - Lorry - Thomas Street	CEL-THOMAS	CEL-THOMAS	Full
11428	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11430	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11431	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11432	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11433	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11434	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11435	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11436	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11437	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11438	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11439	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11440	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11441	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11442	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11443	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11444	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11445	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11446	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11447	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11448	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11449	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full
11450	17062013070000	01:30	18/06/2013	St Thomas Street - Lorry - Top of Ramp	CEL-THOMAS	CEL-THOMAS	Full

- The software produces a number of useful reports including carbon dioxide emissions, no shows etc;
- Reduces numbers of vehicles turned away, thus reducing wasted fuel and cost savings through not being charged waiting time;
- The system can be used to monitor compliance with S61, where deliveries are only authorised between consented hours.



Targets & Objectives

The use of 'Datascope' has helped us meet our targets and objectives in the following areas:

- CEEQUAL – energy and carbon; transport; effects on neighbours
- London Bridge Sustainable Delivery Statement – community involvement; cost reduction; carbon
- London Bridge objectives & targets – travel plan; improved efficiency; monitoring carbon footprint