



Case Study

Application Review — Car Parking Needs Analysis

Liverpool City Council

Integrated Projects:
Solving your
problems

Saving you
money!

Background

The council has recently undertaken a city centre car parking survey to establish current parking conditions and capacity, for future town planning and traffic management needs within the city centre district.

Problem

The survey resulted in hand marked-up paper maps of parking areas, type of parking and capacity delivered to the project teams. This data had then to be collated and ultimately made available to the whole of the City's Consultancy Unit, in a form that was both easily accessible and useable by staff at all levels.

Solution

An application was created by entering the survey results into a database and plotting the parking areas on a map background. Using web browsers on an intranet network the application gives users the ability to produce several 'coloured themes' showing the different types of parking available, along with capacity, across various areas of the city. As all user selections are made by just one click of the mouse, non-technical staff found the system easy to use with very little time spent on training programmes.

Benefits

Both technical and administration staff can now easily analyse or view any type of parking facility or its capacity, anywhere in the city centre, from any computer on the network.

Used in conjunction with traffic flow planning in and out of the city centre, the application can quickly highlight where additional parking is, or will be, required, or even where different types of parking may be better suited around planned new access routes.

Proactive planning of current and future parking needs along major routes:

Cost effective needs analysis alongside the planning process.

Delivery

From concept to commissioning in 3 months.