



Dublin Bus
Dublin, Ireland
www.dublinbus.ie

Industry:

Travel & Transportation

Annual Revenue:

US\$1.89 million

Employees:

3,729

Oracle Products & Services:

Oracle Spatial
Oracle Database
Oracle Application Server

Oracle Partner:



eSpatial
www.espatial.com

“Oracle Spatial has enabled us to build a highly effective, low-cost, multi-user solution for managing our 5,000 bus stops and helping us improve the efficiency of the services we offer to the public.” – Donal Keating, Operations Support Manager, Dublin Bus

Dublin Bus Streamlines Maintenance and Cuts Costs by Spatially Enabling Data from 5,000 Bus Stops

Dublin Bus, the main public transport provider for the Greater Dublin area, has 1,182 buses, seven depots, and 140 routes. The company carries an average of 500,000 passengers each day and transports 70% of all peak-time public transport users into the city. Dublin Bus is currently working toward a 25% increase in passenger capacity and expanding its services in line with the government’s transport 21-investment program.

Challenges

- Capture, store, query, and maintain accurate, up-to-date information on the company’s 5,000 bus stops and make it accessible to managers and planners in multiple locations
- Automate the generation of work requests following damage reports and complete repairs faster and more cost effectively
- Consolidate bus stop information and non-spatial data and build integrated, cross-department business processes

Solution

- Worked with eSpatial to deploy Oracle Spatial for a location-based, Web-enabled, data management system for storing and updating bus stop and associated data in a single repository
- Chose Oracle Spatial for its market leadership, Web-based functionality, and reduced deployment and maintenance costs
- Developed new bus stop system (BSS) using the spatially enabled iSMART solution, selected for its comprehensive, online mapping and location capabilities that complement and leverage the performance and scalability of Oracle Spatial
- Migrated bus stop data held in multiple spreadsheets into BSS and gave asset managers, analysts, and journey planners based in all depots and departments secure, online access
- Gained ability to store text data, photographs, GPS coordinates, and relevant drawings and documents in a single database
- Enabled authorized users to locate each bus stop in seconds by searching by address, route number, or using online map
- Gave maintenance teams the ability to log reported damage, track outstanding work requests, and coordinate repairs online
- Used specialized editing tool in iSMART to capture new bus routes based on bus stop location and underlying road network
- Cut report time by querying data online and exporting to excel