



Salford City Council
Salford, United Kingdom
www.salford.gov.uk

Industry:

Public Sector

Annual Revenue:

US\$1.2 billion

Employees:

10,650

Oracle Products & Services:

Oracle Database
Oracle Spatial

Oracle Partner:



Cadcorp
www.cadcorp.com

“We selected Cadcorp because of the software’s obvious openness, its flexibility and development tools, and most importantly, its integration with data from other systems in use within Salford, in particular the ability to interface with Oracle Database 10g without the need for additional-cost translation software or middleware” – David Hunter, assistant director, ICT Services (Business Transformation), Salford City Council

Salford City Council Unlocks the Value of its Map Data with a Centralized Spatial Data Warehouse

Located in north-west England, Salford was one of the U.K.’s first industrial cities. Its network of canals that once linked warehouses and factories with other cities is now home to The Quays, a world-class residential, retail, media, and arts complex. Salford’s 220,000 residents and 1 million yearly visitors also enjoy access to 18 square miles of parks and green spaces, covering 60% of the city’s surface area.

Challenges

- Create a single data warehouse for the council’s mapping data, which was fragmented across four separate databases supporting disparate geographical information systems (GIS) for Planning, Building Control and Highways; Land and Property; Environmental Health and Education, and Crime
- Improve operational efficiency and eliminate duplicate data gathering by allowing all council departments to access mapping data from the four systems via the council’s intranet
- Meet U.K. e-government service delivery targets by deploying relevant map information to the general public over the internet
- Avoid end-user alienation and re-training by keeping the existing GIS systems and converting proprietary map data held in them to a GIS vendor-independent format to allow sharing

Solution

- Appointed Salford GIS Ltd to produce a corporate GIS strategy
- Created a single spatial data warehouse capable of loading and storing map data from the four existing GIS applications, using Oracle Database 10g with Oracle Spatial Data Object
- Selected Cadcorp® - Spatial Information System® and Cadcorp GeognoSISTM to create desktop and web-based mapping applications for internal and external use
- Preserved strategic investment in Oracle by leveraging Cadcorp’s out of the box integration with Oracle Database 10g
- Allowed councilors and citizens to access Council-owned map data over the Web, facilitating fault reporting and service requests, and enabling citizens to get map-based answers to ‘Where is my nearest?’-type questions
- Created a solid data management infrastructure for the rollout of future map-based applications