

East Dunbartonshire Council: Web-enabled GIS



East Dunbartonshire Council (EDC) chose 1Spatial to assist with the migration of their spatial data from an internal GI solution to an external web-enabled solution. EDC needed a solution that required minimal maintenance, provided updated information and fitted into the council's future corporate plans for spatial data: firstly, meeting e-government demands and secondly, providing the public with online access to accurate council data.

The Challenge

EDC was established in 1996 and provides the majority of local services within the community from schools and libraries to consumer advice and planning. EDC's long-term goal is to ensure that data concerning all these services are available online to the public.

EDC were using Autodesk MapGuide® ActiveX application internally throughout the council to communicate their spatial data to council staff. The challenge for 1Spatial was to assist in the migration from the internal GI solution to an external web-enabled solution. This would allow EDC to provide the public with an online facility to deliver up-to-date Planning Application, Local Plan and general Council information via their website, www.eastdunbartonshire.gov.uk

The Solution

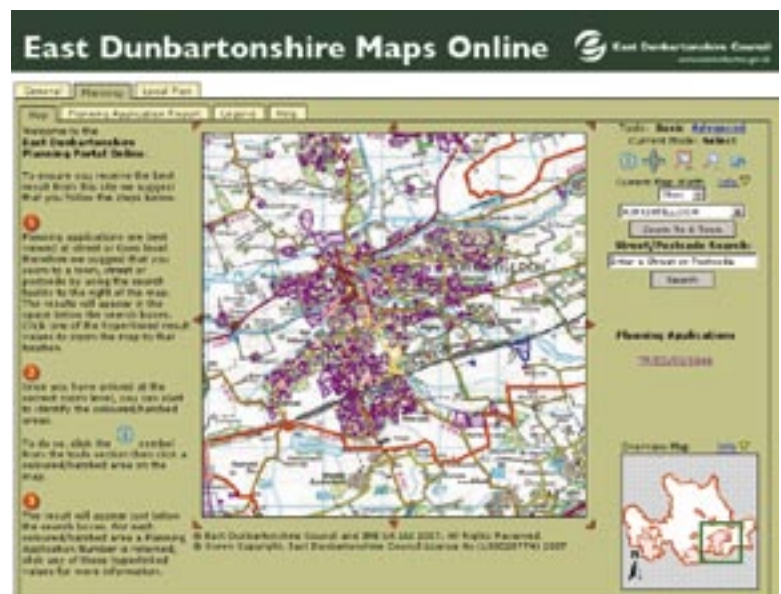
1Spatial used Autodesk's MapGuide® LiteView components and Active Server Pages (ASP) to create a user-friendly interface. Working closely with both the IT and planning departments within the EDC, 1Spatial combined the spatial and attribute data to deliver the perfect online solution for the user's requirements.

The solution presents information in a manageable, tab-based design, allowing the public to concentrate on specific GI elements. This was specifically designed to reduce the over-crowding of data on the site, thus increasing the speed and usability of the service. In addition, a gazetteer facility was also included that linked to the council's Corporate Address Gazetteer. This allows users to quickly search for their property or area of interest.

The Benefits

This development has aided the implementation of e-government as a corporate strategy within the council, ensuring that they make full use of the new technologies available to them. This has enabled EDC to provide the public with an online facility, which is both interactive and intuitive.

In summary, 1Spatial created a solution that requires minimum maintenance whilst constantly providing up-to-date information. This project has enabled EDC to combine spatial and attribute data, from a number of sources throughout the council, in a single, clearly defined interface. It has improved previous forms of communication at EDC, sped up service delivery and reduced the need for travel to view planning documents; the public can now view information clearly and efficiently from the convenience of their own home.



"1Spatial have worked with East Dunbartonshire for a number of years and in that time they have proven to be professional, flexible, friendly and patient. All work has proven to be of the highest standard and we look forward to evolving our mapping solutions with them."

David McMorran, East Dunbartonshire Council

