

The Far North District Council increases speed and accuracy of response to customer enquiries using geospatial technology



INTERGRAPH TECHNOLOGY ALLOWS ALL COUNCIL STAFF ACCESS TO THE CORE PROPERTY INFORMATION SYSTEM

BACKGROUND:

From 2003, New Zealand's Far North District Council (FNDC) worked to upgrade its infrastructure and core applications. The next phase of this upgrade was to create maps that integrated with the new core property administration system and make them available to all staff members.

PRIMARY OBJECTIVE:

The primary objective of the project was to increase the speed and accuracy of response to internal and external customer spatial enquiries. This was achieved by providing Council Intranet users with a browser based GIS system that interfaces and references information stored in the core property information system (Pathway) and other available spatial data sources.

SOFTWARE SOLUTION:

FNDC implemented a solution that used GeoMedia and GeoMedia WebMap combined with an interface between Pathway and Geo Media WebMap developed by Intergraph New Zealand. FNDC uses Dell servers as supporting hardware.

This solution is maintained from a central location and distributed over the Council Intranet, so it is available to staff in the service centres and some i-Site locations.

The data managed includes LINZ data provided quarterly in parcels, property data from the property administration system, and services data plotted and provided from within the Council.

Intergraph New Zealand provided implementation services to compliment the in-house expertise of the Council staff.

PROFILE

Name – The Far North District Council
Memorial Avenue, Kaikohe, New Zealand
0800 920029

Web site – www.fndc.govt.nz

Formed in 1989, The Far North District Council is the northernmost in New Zealand, sharing its southern boundaries with Kaipara and Whangarei Districts. Together the three districts make up the Northland Region. With 7,324 square kilometres, the Far North District is the largest of the three districts, contributing 54% of the land area and 38% of the population of the region. The district is ranked in the top ten largest land areas covered by district and city councils.

The District Council is responsible for establishing policies and strategies determining the overall direction of Council. These policies and strategies are implemented by the Chief Executive and Council staff. The Council promotes the social, economic, environmental and cultural well-being of communities, in the present and for the future.

SOFTWARE USED:

- GeoMedia
- GeoMedia® WebMap
- GeoMedia WebPublisher
- GeoMedia Pathways Interface

"Previous successful implementations of this solution at other Councils and Intergraph's ability to implement a solution that could be administered by our staff were the influencing factors of our decision."

Roger Ackers

Information Projects Officer
The Far North District Council

BUSINESS BENEFITS

There are over 100 members of staff using geospatial mapping technology. All the maps and nearly all functions that were available on stand alone, non networked PCs only are now available to all staff who access to the Council Intranet. When the maps are adjusted updates are distributed to all staff instantly which helps to promote efficiency, especially when responding to customer enquiries, by ensuring all staff are referencing the most recent maps and data.

In addition, the implementation of GeoMedia and GeoMedia WebMap has resulted in a reduction of maintenance of the stand alone machines that once provided the core maps to Council staff members.

FUTURE DEVELOPMENTS

As a result of the successful implementation a number of enhancements are being considered:

- Identification of Iwi tribal boundaries on available maps
- Introduction of a Council maintained plotted address layer
- Introduction of New Zealand Post locality boundaries to available maps
- Identification on the maps of properties that are subject to resource consents
- Introduction of the district plan boundaries to the map
- PDFs for LIM - introduce this functionality
- Improvements to Hotspot Report to include information on property

For more information, visit www.intergraph.com



A spatial search for a property can be carried out by any employee with access to the intranet



Assets displayed in GeoMedia WebMap



Aerial photography can be quickly accessed through the system

ABOUT INTERGRAPH

Intergraph Corporation (NASDAQ: INGR) is the leading global provider of spatial information management (SIM) software. Security organizations, businesses and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

