

## Case Profile for Vulcan County

### Summary

#### Goal

Deliver GIS data to the web and increase efficiency of Vulcan County Staff

#### Challenges

- No GIS mapping easily accessible to staff & public
- Multiple places to access much needed data
- Manual process for data retrieval

#### Results

- Delivered geospatial mapping to the web
- Implemented iVAULT for easy data extraction and report creation

# Conversion to MapGuide® Open Source and iVAULT

Located in southwest Alberta between Calgary and Lethbridge, Vulcan County covers almost 550,000 hectares with over 6,600 people living within its borders.

### Challenges

Vulcan County uses multiple SQL Server databases and wanted to publish data to the web with geospatial mapping for greater staff efficiency and service. They chose Pacific Alliance because of their expertise with MapGuide implementations and their iVAULT product.

### Solution

MapGuide Open Source was chosen as it offers numerous benefits, including platform flexibility, a single authoring tool for easier data integration, and programming flexibility. iVAULT provided easy report creation and was easily integrated with Vulcan County's databases, most noteworthy being the Microsoft Dynamics and Diamond Municipal Databases.

### Results

Pacific Alliance implemented MapGuide Open Source to create GIS mapping for use on Vulcan County's intranet and Internet sites. iVAULT's easy adaptability makes report creation easy and seamless. Vulcan County staff is now able to easily access data for greater efficiency and better decision-making.

"Pacific Alliance delivered quality products and easy integration to enhance data usage by Vulcan County's staff, and mapping data will soon be available to the general public when our external site upgrade is complete. By utilizing current databases, we minimized our capital investment and optimized data usage and efficiencies. For county staff, this is making our lives much easier," said Celeste Currie, GIS Technician, Vulcan County.

*"Pacific Alliance capitalized on our investment in our tax roll software by bringing the database to the web using MapGuide Open Source and reports using iVAULT. Great job."*

*Celeste Currie, GIS Technician,  
Vulcan County*



### Pacific Alliance Technologies

Pacific Alliance Technologies, a member of StarDyne Technologies, provides proven CAD and GIS solutions and services for local and regional governments. Easy, flexible and affordable, Pacific Alliance's solutions enable government staff to manage, query and analyze spatial, attribute and financial information. Delivered via a web browser, data is integrated from multiple sources to deliver a solution that streamlines Asset Management and facilitates self-service for the public. With a combined 120+ years of technical experience, Pacific Alliance is lauded in the industry as a GIS technology and service provider. For more information, visit [www.pat.ca](http://www.pat.ca).

### MapGuide Open Source

MapGuide Open Source is a web-based platform that enables users to develop and deploy web mapping applications and geospatial web services. MapGuide features an interactive viewer that includes support for feature selection, property inspection, map tips, and operations such as buffer, select within, and measure. MapGuide includes an XML database for managing content, and supports most popular geospatial file formats, databases, and standards. MapGuide Open Source is licensed under the LGPL. For more information, visit <http://mapguide.osgeo.org/>. Autodesk, AutoCAD and Revit are registered trademarks or trademarks of Autodesk, Inc., in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.