

## Summary

### Challenge

A third party who went out of business hosted the Board's mapping system. The Board needed to find another party to host and stabilize the system and perform enhancements.

### Client Goals

- Switch to new host
- Stabilize system
- Enhanced features and functionality
- Broaden data access
- Improve internal processes
- View history and pool status

### Results

- Successful switch and enhanced hosting
- Streamlined workflows
- Web access to key data and GIS
- Improved customer service and response

## Case Profile for Energy Resources Conservation Board

# Delivering on its regulatory mandate with help from MapGuide®

The Energy Resources Conservation Board is an agency of the Government of Alberta which regulates the development of energy resources (i.e. oil, natural gas, oil sands, coal, and pipelines). ERCB regulates thousands of natural gas and oil wells and batteries, plants and other facilities, as well as 392,000 km of pipelines, 12 producing coalmines, and 38 commercial oil sands plants. ERCB had outsourced their Board Order System to provide 2D mapping of reserves such as oil and gas fields, pools, and strike areas.

### Challenge

The BOS host went out of business and a new system provider was needed—fast. Expanded functionality was also needed to meet the Board's expanded responsibilities.

### Solution

Pacific Alliance Technologies was contracted to host BOS, providing hardware and software. MapGuide was selected as a low-cost tool for deploying web-mapping applications: it works easily with multiple data types and provides quick ways to query, analyze and distribute data from spatial and non-spatial databases and files.

### Results

The BOS system was stabilized shortly after Pacific Alliance Technologies began hosting it. With MapGuide's proven technology, web access to key data allowed ERCB to support its regulatory responsibilities over Alberta's vast and valuable resources. Added features and data gave the Board and public increased access to key data for all resources under the Board's jurisdiction.

ERCB realized significant efficiencies in processing data change orders. Previously, 4-5 people processed 200-350 manual orders monthly. With MapGuide's GIS solution, only one person is needed to process over 1000 monthly orders. Combining efficient update capabilities with access to more data, MapGuide delivers a faster and easier way to view and query crucial spatial information.

*"Pacific Alliance Technologies' client dedication, and our strong working relationship with them, makes doing business with them a pleasure."*

*Wayne Elsner,  
Senior Geologist, ERCB*

### Pacific Alliance Technologies

Pacific Alliance Technologies, a member of StarDyne Technologies, is a leading provider of GIS, web-based mapping, architectural, and engineering software, specializing in the implementation, training and support of these solutions. As an Autodesk® Value Added Reseller and Premier Solutions Provider, Pacific Alliance has helped hundreds of firms throughout Western Canada implement and train their staff on Autodesk solutions, such as AutoCAD®, Map 3D, MapGuide® Enterprise, Civil 3D, AutoCAD Architecture and the full Revit® product line – Architecture, Structure and MEP. Pacific Alliance also resells the IES <Virtual Environment> LEED and Sustainability Toolkits, add-ons to Revit for energy analysis. For more information, see [www.pat.ca](http://www.pat.ca) or call 1.877.691.9171.

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