

USE CASE

AbaData Fuels Alberta's Oil & Gas Industry with Altalis-Powered Mapping Solutions



FOR OVER TWO DECADES, AbaData has been the leading provider of comprehensive mapping solutions for Alberta's oil and gas industry, leveraging Altalis' authoritative spatial data and imagery to deliver detailed maps used by over 95% of the sector. Abadata's application provides easy access to over 100 comprehensive land and infrastructure datasets, allowing users to intuitively visualize surface activity and asset locations, including detailed well and pipeline information, land status reports, and more.

Beyond mapping, AbaData's suite of products includes pipeline integrity solutions and a Field OPS platform for operational data management.

CHALLENGES

Operational Inefficiency Due to Reliance on Physical Maps

AbaData faced significant operational delays and potential errors due to their reliance on physical maps, which were slow to update and cumbersome to use. In the fast-paced oil and gas industry, where timely and accurate information is crucial, this posed a major challenge.

SOLUTIONS

ALTALIS DATA AS THE FOUNDATION OF ABADATA'S GROWTH

Altalis emerged as the cornerstone of AbaData's digital transformation, providing comprehensive datasets that revolutionized their mapping solutions. These datasets included:

CADASTRAL DATA

This is the fundamental land ownership framework, ensuring accurate spatial referencing for all other data layers within the AbaData platform. It is the digital mapping representation of all survey plans registered at Alberta Land Titles which includes lot lines, block lines, rights-of-ways, metes and bounds, dimensions and other information found on plans of survey.

TITLE MAPPING DATA

Altalis' accurate **Title** mapping, aligned with Alberta Land Titles, ensures precise property boundary determination and legal descriptions. Allowing Abadata's users to quickly and efficiently access detailed land ownership information, streamlining processes like Title research and due diligence.

DISPOSITION (DIDS+) DATA

This data provides a wealth of geographic information, including precise locations for wells and facilities, legal status, lease holders, and surface lease activity on Public Lands, enhancing the accuracy and completeness of information available on AbaData's platform.

"Altalis' data has been instrumental. It's not just a tool; it's part of our daily operations, integrated deeply into everything we do."

—KURTIS POETTCKER,
CHIEF TECHNICAL OFFICER AT ABADATA

RESULTS

TRANSFORMATIVE GROWTH AND MARKET LEADERSHIP

By integrating key datasets from Altalis, into their core platform, AbaData transitioned from relying on cumbersome physical maps to offering dynamic, digital mapping solutions. This shift not only enhanced data reliability and access but also spurred innovation in product development. With Altalis' data as the foundation, AbaData achieved remarkable success and growth:

MARKET DOMINANCE

Over 95% of Alberta's oil and gas industry now relies on AbaData's mapping solutions, a testament to the trust and value they bring to the sector.

OPERATIONAL EFFICIENCY

Altalis' data significantly streamlined operations for both AbaData and its clients, providing quick access to accurate information for planning and decision-making, ultimately reducing turnaround times and enhancing efficiency.

PRODUCT INNOVATION

The availability of comprehensive and up-to-date GIS data from Altalis spurred innovation at AbaData. They expanded their offerings beyond mapping to include specialized products like pipeline integrity platforms and operational tools for field operators, solidifying their position as industry leaders.

SCALABILITY AND EXPANSION

Altalis' province-wide data enabled AbaData to scale their solutions to meet the growing needs of the industry across multiple provinces, documenting over 500,000 km of pipelines, 800,000 wells, and 14 million well production records.

This long-standing partnership with Altalis has been transformative for AbaData, enabling them to achieve unprecedented success. As Poettcker affirms, Altalis is truly his "favorite vendor, 100%."



ABOUT ALTALIS

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Established in 1998, we have been the **authoritative source of spatial data and imagery in Alberta for over 25 years**. We are the leading data management, maintenance, and distribution company in Alberta, and ensure the continued updating, re-engineering, storage, distribution, value-added redistribution, and general management of primary provincial mapping datasets. Our goal is to **make mapping products more available, accessible, accurate, and affordable**. We are your trusted source of spatial data.

Our state-of-the-art webstore, Altalis.com, is powered by AWS enabling reliable, fast and secure data deliveries. **Customers can explore, view, and acquire spatial data products both paid and open data with the click of a button.** We take pride in providing exceptional customer service and building long-term relationships with our clients. Our experienced customer service team is available to answer any questions you may have about finding the right data to meet your needs.