



Altalis Data: The Foundation For Geospatial Insights In Alberta

ALBERTA'S GEOSPATIAL SECTOR

is experiencing a surge in demand for location-based data and insights across various industries. Utilities, government agencies, energy and forestry companies, real estate agencies and many others recognize the value of geospatial information for optimizing operations, planning infrastructure, and managing resources. However, not all organizations have the internal resources to support a dedicated GIS department. This is where Geomatics Service Providers act as expert consultants and provide specialized geospatial services to public and private sector clients.

Altalis plays an important role in this ecosystem by supplying these providers with foundational geospatial data – from precise property boundaries to detailed elevation models. This collaborative approach ensures that organizations of all sizes can access and leverage the power of geospatial information to improve decision-making, enhance efficiency, and drive success.

NAVIGATING THE COMPLEXITIES: KEY CHALLENGES GEOMATICS SERVICE PROVIDERS IN ALBERTA

DATA CURRENCY AND ACCURACY Maintaining up-to-date and accurate geospatial data is important for reliable analysis and decision-making. Land ownership, infrastructure, and environmental features can change rapidly, requiring constant vigilance to ensure data currency.

DATA COMPATIBILITY Integrating diverse geospatial datasets, such as cadastral information, elevation models, and base features, can be technically complex. Ensuring that different data formats and coordinate systems work together seamlessly is essential for efficient workflows.

DATA COMPLETENESS AND CONSISTENCY Gaps in data coverage or inconsistencies between different datasets can hinder analysis and lead to inaccurate results. For example, inconsistencies in how roads or water bodies are represented across different base layers can create challenges for spatial analysis.

DATA ACCESSIBILITY AND DISCOVERABILITY Locating and accessing the necessary geospatial data can be time-consuming, especially when dealing with multiple data providers and varying data access policies.

ALTALIS GEOSPATIAL DATA PRODUCTS: EMPOWERING GEOMATICS SERVICE PROVIDERS

Altalis offers a comprehensive suite of geospatial data products that are essential for geomatics service providers in Alberta:

CADASTRAL MAPPING defines the mapping of survey plan information including lots, blocks, right of ways, etc. It can apply to activities such as land surveys, mapping, planning, and analysis.

TITLE defines property boundaries and ownership information, including Land Titles Office LINC numbers (Land Identification Numeric Code). This data is critical for property ownership verification, due diligence and legal and administrative applications.

DISPOSITIONS data show surface activity extents with detailed attributes for leases and permits on Crown land. This data can be used for identifying land use, resource management and identifying potential conflicts.

LIDAR 7.5 DEM is a high-resolution **Digital Elevation Model** data product that can be used for terrain analysis, 3D modelling and infrastructure planning and engineering.



BASE FEATURES provide geographic features like roads, water bodies, and administrative boundaries. This data is essential for creating basemaps, contextualizing other data and supporting various geospatial analyses.

DAILY UPDATE SERVICE Altalis offers real-time GIS updates, which provide organizations with up-to-date **Cadastral, Title, and Disposition** geospatial data that integrates seamlessly with operational systems. By leveraging real-time data integration solutions, geomatics service providers can optimize resource allocation and enhance service delivery.

CUSTOMER SERVICE Altalis is committed to providing exceptional customer service and support to geospatial service providers. Our experienced team can assist with data selection, custom data solutions, and technical support, ensuring our partners have the necessary resources to succeed.



PARTNERING WITH ALTALIS: DRIVING SUCCESS IN THE GEOMATICS SERVICE PROVIDER INDUSTRY

Partnering with Altalis offers numerous benefits for geospatial service providers, helping them overcome the challenges inherent in their work:

ACCESS TO HIGH QUALITY DATA Altalis provides accurate, reliable, and up-to-date geospatial data, ensuring the foundation for high-quality services and solutions.

ENHANCED EFFICIENCY AND PRODUCTIVITY Leveraging Altalis data streamlines workflows, reduces data acquisition and processing time, and allows geospatial service providers to focus on delivering value-added services.

COMPREHENSIVE DATA COVERAGE Altalis offers a wide range of geospatial datasets, minimizing the risk of data gaps and inconsistencies.

INNOVATION AND COMPETITIVE ADVANTAGE Access to Altalis' comprehensive data offerings and real-time updates enables geospatial service providers to develop innovative solutions and stay ahead of the competition.

COST SAVINGS By consolidating data acquisition through Altalis, service providers can reduce costs associated with searching, acquiring, and licensing data from various sources. This streamlined approach enhances efficiency and improves budget management.

By partnering with Altalis, Geomatics Service Providers in Alberta can leverage high-quality geospatial data, enhance their service offerings, and contribute to the growth and advancement of the geospatial industry.


ABOUT ALTALIS

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.

Contact Altalis today to learn more about how our comprehensive data can help your organization.

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