Empowering Alberta Municipalites with Geospatial Data

ALBERTA'S MUNICIPALITIES are the backbone of the province, responsible for delivering essential services and fostering thriving communities. From bustling cities to quaint rural towns, each municipality faces unique challenges in managing growth, infrastructure, and resources while meeting the diverse needs of its residents. In a province as geographically diverse as Alberta, with its sprawling urban centers, vast agricultural lands, intricate transportation networks, and sensitive natural environments, access to accurate and up-to-date geospatial data is not just beneficial—it's essential.

Altalis empowers municipalities with comprehensive and reliable geospatial information, providing a critical foundation for informed decision-making, efficient operations, and sustainable community development. By leveraging Altalis data and expertise, municipalities can optimize resource allocation, enhance service delivery, and plan for a resilient future.

NAVIGATING THE COMPLEXITIES: KEY CHALLENGES FACING ALBERTA MUNICIPALITIES
Municipalities in Alberta are at the forefront of managing complex and interconnected challenges that demand innovative solutions and data-driven strategies:

MANAGING PROPERTY ASSESSMENT AND THE TAX ROLL
Ensuring fair and equitable property assessments across residential, commercial, and industrial properties is critical. Municipalities must manage and continually keep up to date property value databases and tax roll.

URBAN PLANNING AND DEVELOPMENT Balancing growth with sustainability requires careful planning considering land use, zoning regulations, transportation networks, and environmental impacts. Municipalities must optimize land use for residential, commercial, and industrial development while preserving green spaces, managing density, and promoting accessible communities.

INFRASTRUCTURE STEWARDSHIP Protecting Alberta's diverse ecosystems, managing water resources, and mitigating the impacts of climate change are paramount responsibilities for municipalities. This requires comprehensive environmental data, effective monitoring programs, and strategies for promoting conservation, reducing greenhouse gas emissions, and adapting to a changing climate.

COMMUNITY ENGAGEMENT AND PUBLIC SAFETY Fostering transparency, engaging citizens in the decision-making process, and effectively responding to community needs are vital for building trust and strong communities. Municipalities need accessible information and communication tools to keep citizens informed, solicit feedback, and ensure public safety. This includes effective emergency response planning and efficient service dispatch.

ALTALIS GEOSPATIAL DATA PRODUCTS: EMPOWERING MUNICIPAL OPERATIONS

Altalis offers a comprehensive suite of geospatial data products specifically curated to address the diverse needs of Alberta municipalities:

CADASTRAL MAPPING defines the mapping of survey plans, including lots, blocks, and rights-of-ways. It can be used for land use planning, development approvals, addressing and street naming, right-of-way management and easement identification.

TITLE/ENHANCED TITLE MAPPING defines property boundaries and ownership information. This data is critical for property assessment, tax collection, land acquisition and legal disputes resolution.

DISPOSITION data show surface activity extents for leases and permits on Crown land. This data can be used for identifying municipal lands, managing public reserves, planning infrastructure development and resource management.

LIDAR 7.5 DEM is a high-resolution **Digital Elevation Model** data product that can be used for floodplain mapping, drainage analysis, infrastructure planning, 3D city modeling and terrain analysis for development.

BASE FEATURES provide a comprehensive dataset of features, including roads, buildings, water bodies, and more. This foundational data supports mapping and spatial analysis, community development, emergency response and routing and navigation.

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MUNICIPAL BOUNDARIES define the administrative boundaries for cities, towns, and villages. This data is essential for jurisdictional analysis, regional planning, service delivery and data aggregation and analysis.

DAILY UPDATE SERVICE Altalis offers real-time GIS updates, providing municipalities with the most current **Cadastral**, **Title**, and **Disposition** geospatial data. This allows for real-time integration with municipal systems, enhancing efficiency and accuracy in daily operations such as permit processing, development approvals, and land management.

CUSTOMER SERVICE Altalis is committed to providing exceptional customer service and building long-term partnerships with Alberta municipalities. Our experienced team offers dedicated support with data selection, purchasing, and integration, ensuring that municipalities have the information, tools, and expertise they need to succeed.

PARTNERING WITH ALTALIS: DRIVING SUCCESS IN MUNCIPICAL GOVERNANCE

Partnering with Altalis provides significant and lasting benefits for Alberta municipalities:

PROPERTY ASSESSEMENT AND TAXCATION Altalis data provides the foundation to effectively manage property values and tax roll databases leading to fair property assessments and equitable distribution of the tax base.

ENHANCED PLANNING AND DECISION-MAKING Altalis data enable informed and strategic decision-making in urban planning, infrastructure development, and environmental management, leading to more sustainable, efficient, and resilient communities. By comprehensively understanding the municipality's geographic context, our data supports effective planning for future growth, development, and service delivery.

IMPROVED OPERATIONAL EFFICIENCY Accurate and up-to-date geospatial data streamlines core municipal operations, from asset management and maintenance to emergency response and service delivery. Municipalities can automate tasks, improve communication, and optimize resource allocation by integrating our data into existing workflows.

EFFECTIVE RESOURCE ALLOCATION Altalis data supports efficient resource allocation by providing valuable insights into land use, population density, infrastructure needs, and environmental conditions. This allows municipalities to prioritize investments, target services effectively, and optimize resource utilization for maximum community benefit.

INCREASED TRANSPARENCY AND CITIZEN ENGAGEMENT Access to geospatial data promotes transparency and facilitates citizen engagement in municipal planning and decision-making processes. By providing accessible and user-friendly data, municipalities can empower citizens to understand complex issues, participate in consultations, and contribute to shaping their communities.

COST SAVINGS AND RISK MITIGATION By leveraging Altalis data, municipalities can proactively identify and mitigate risks associated with development, infrastructure projects, and environmental hazards, leading to cost savings, improved project outcomes, and enhanced community safety.

By partnering with Altalis, Alberta municipalities gain a valuable and trusted partner in pursuing efficient, sustainable, and citizen-focused governance. Our commitment to providing high-quality data and exceptional customer service empowers municipalities to meet today's challenges and build thriving communities for tomorrow.

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 explore how our comprehensive spatial data solutions can transform your decision-making and help you navigate the changing surveying landscape.

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