

USE CASE

Altalis Strengthens Forestry Operations With Accurate Geospatial Data

A LEADING NORTH AMERICAN FORESTRY COMPANY manages vast timberlands across diverse landscapes, including Alberta's boreal forests. Operating under long-term licenses granted by provincial governments, the company adheres to strict environmental regulations and engages with diverse stakeholders to ensure responsible land-use decisions. **To enhance operational efficiency and safety, this leading forestry company relies on Altalis,** a trusted provider of comprehensive geospatial data. Altalis data is seamlessly integrated into their Forest Management System (FMS), empowering their team with up-to-date information for planning and decision-making.



CHALLENGES

*The High Cost of
Inaccurate Data In Forestry.*

Effective forest management requires informed decisions about harvesting, road building, and reforestation. These decisions depend heavily on complete and accurate geospatial data, encompassing vital information on land ownership, environmental features, and infrastructure. Relying on outdated or inaccurate data can lead to numerous problems, including:

REWORK

Inaccurate data can result in revising plans and adjusting mid-stream operations, such as sending crews back to the field for ground-truth information, causing costly delays, and consuming valuable resources.

COMPLIANCE RISKS

Operating with inaccurate data could result in non-compliance with stringent environmental regulations, potential legal issues, and an impact on operations and reputation.

INEFFICIENT PLANNING

Outdated data hinders efficient planning and can result in the suboptimal use of resources, affecting productivity and profitability.

SAFETY HAZARDS

Incomplete data, such as missing information on the precise location of pipelines, poses significant safety risks to field crews operating heavy machinery. This lack of critical information can lead to accidents, injuries, and environmental damage.

"Altalis' Enhanced Pipeline data filled critical gaps in our existing information, ensuring we had the complete picture to avoid potentially dangerous situations like hitting a pipeline."

—RELATIONSHIP MANAGER, FORESTRY
BUSINESS SYSTEMS SPECIALIST, NORTH
AMERICAN FORESTRY COMPANY

SOLUTIONS

ALTALIS, PROVIDING THE GEOSPATIAL FOUNDATION FOR SUSTAINABLE FORESTRY.

This leading Forestry Company leverages Altalis' geospatial data products to address these challenges. Altalis provides a comprehensive suite of data, including:

BASE FEATURES

Base Features datasets provide a foundational layer and framework for accurately layering, locating, and referencing all other forestry-related data. This ensures correctly aligned information about forest stands, roads, water bodies, and other features.

DISPOSITION (DIDS+) AND TITLE MAPPING

Dispositons (DIDS+) and **Title Mapping** act as a land ownership map, clearly identifying who has the right to access and/or use various areas on the land. This Forestry Company relies on these datasets to plan harvesting and road-building activities, ensuring they operate within legal boundaries.

GDM ENHANCED PIPELINE DATA

GDM Enhanced Pipeline data provides this Forestry Company with more comprehensive and accurate information about pipeline locations across its operating areas. This Forestry Company improved operational safety by incorporating this data into its Silvacom FMS (Forestry Management Software).

RESULTS

OPTIMIZED FORESTRY OPERATIONS USING ALTALIS GEOSPATIAL DATA.

By integrating Altalis data, this Forestry Company has achieved:

INCREASED EFFICIENCY

Reduced rework, optimized resource allocation, and improved productivity.

ENHANCED SAFETY

Minimized risk of accidents and improved worker confidence due to accurate pipeline locations.

IMPROVED COMPLIANCE

Adherence to regulations and reduced legal risks through accurate land ownership data.

BETTER DECISION MAKING

Altalis empowers the Forestry Company with the comprehensive information needed for strategic planning, proactive risk mitigation, and effective stakeholder engagement.

"Altalis data integrates seamlessly with our Forest Management System (FMS). It's a hands-off solution that provides us with the information we need without requiring constant interaction or management."

—RELATIONSHIP MANAGER, FORESTRY BUSINESS SYSTEMS
SPECIALIST, NORTH AMERICAN FORESTRY COMPANY



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.

For additional product details, industry insights, and helpful resources, visit our official Altalis Resource Hub at **AltalisData.com**