



The Cadastral and Parcel Mapping Experts

2005: Alberta Crown Land Disposition Mapping (DIDs)

Challenge

In 2004, there were 232,000 dispositions in the province. Surveys for these dispositions were submitted in a variety of paper-based and digital formats, and there was no digital spatial representation or map display. A single, coordinated initiative was needed to load and manage submitted surveys or sketches for all Crown land dispositions in Alberta.

Solution

MNC built the Digital Integrated Dispositions (DIDs) mapping dataset for the Province of Alberta. MNC continues to maintain this dataset today...19 years later and over 435,000 Crown Land disposition plans integrated. MNC used Autodesk (AutoCAD), Bentley (MicroStation), Safe Software (FME), and Esri (ArcGIS) to create and maintain this data.

Results

All 232,000 historical disposition plans were digitally drawn, compiled and integrated on time and on budget.

Crown Land Disposition Mapping Was Complex and Cumbersome

Before



Traditional hand-drawn Township Plat (highlighted sections contain extensive activity)



Magnified portion of Township Plat illustrating numerous surface dispositions

After



New Digital Geospatial Format and Display of DID data

Testimonial: Wood Buffalo

April 2016



“The spatial data of dispositions informs us of the large amount of activity sanctioned by the province in an easy to integrate manner. Additionally, the DID data product provides us with an authoritative source of provincial leases on land.”

Justin J. Ngan — Manager

Information & Advisory Services
Regional Municipality of Wood Buffalo

About MNC

MNC is the expert in the compilation and maintenance of cadastral and parcel mapping. Providing clients with practical and innovative data collection, mapping and geomatics solutions related to surveyed land information.

