



The Cadastral and Parcel Mapping Experts

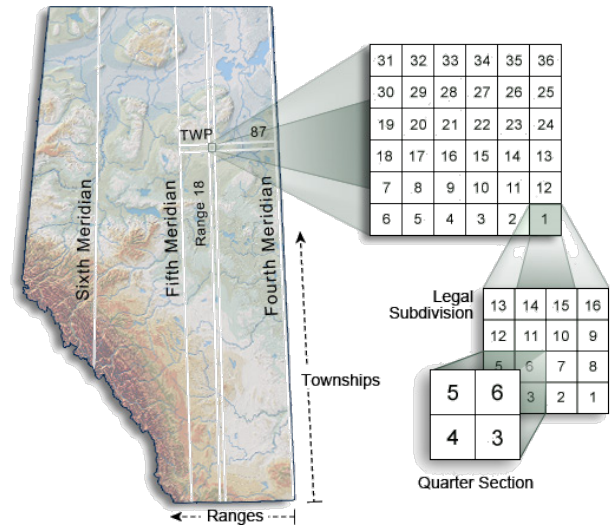
2005: Alberta Township System (ATS) Mapping

Overview

Any parcel of land in Alberta can be located by its legal land description, which are based on the Alberta Township System (ATS). In 2005, MNC upgraded the ATS mapping dataset to version 4.1 for the Province of Alberta using both Bentley (MicroStation) and Esri (ArcGIS) software.

Challenge

Plans of surveys over the years provided updated coordinates of the ATS corners leading to the point where an adjustment of the Cadastral and the ATS fabric was required to minimize coordinate location differences between the mapping and GPS collected points on survey plans.



Solution

MNC did an analysis of the ATS to the maintained cadastral fabric to identify the impact. It was agreed that a newer version of the ATS would be created and published to industry. MNC created Version 4.1 ATS in 2005 and the Alberta Government regulatory agencies mandated the use of ATS 4.1 for all regulatory submissions.

Results

In 2005 the ATS 4.1 and the cadastral fabric were in sync which provided better accuracy for municipalities, utility companies and surveyors.

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.

