Geospatial Technology Experts

2023: GIS Modernization

Challenge

A leader in information management in the Canadian Prairies needed to modernize their land management platform. The primary driver for this is to prepare for Esri's discontinued support for ArcGIS Desktop as of March 1, 2026. The second reason involved transitioning from current custom software elements to commercially available off-the-shelf (COTS) components, which are backed by support and eliminate the need for expensive development and upkeep.

Solution

Silvacom CS was chosen to partner with the client in the collaborative effort of migrating their data from ArcGIS desktop to Esri's ArcGIS Pro. This involves customizing the data model and updating the custom-made software elements into COTS components for modernization.

Result

Migrating GIS from ArcMap to ArcGIS Pro offers numerous advantages, including enhanced performance with 64-bit processing, a modern and intuitive user interface, advanced 3D visualization, improved analysis tools, dynamic layouts, and seamless integration with web GIS.

ArcGIS Pro provides a more efficient and collaborative GIS experience, supporting multiple displays, better editing tools, and connectivity to ArcGIS Online and ArcGIS Enterprise, making it a robust and forward-looking platform for GIS professionals.

COTS solutions like ArcGIS bring cost-effectiveness, reliability, and time savings to organizations. With professional support, scalability, and interoperability, they offer a staple and well-supported foundation, backed by a user community and adherence to industry standards.

About Silvacom CS

Silvacom Ltd. was established in 1983 and has been involved ever since in developing client-specific software for organizations to improve their processes and empower their organizations.