

OUR SERVICE
OFFERINGS



GEOSPATIAL DEVELOPMENT

Custom Geospatial Solutions: Build, Integrate, and Enable for Land Data Success

The Challenge:

- **Legacy systems, data silos, and siloed workflows** hold back service delivery and effectiveness.
- **New needs arise**, integration with external systems, data pipelines, or open-source GIS, that **off-the-shelf software can't solve**.
- **Keeping pace with evolving technology and organizational change**, at scale and with security.

How MNC Helps:

MNC can **architect, develop,** and **deliver custom geospatial applications** for land administration and property data teams, blending modern web applications and geospatial platforms with proven land sector expertise, including the **seamless integration of GeoAI models and workflows**.



Key Service Features:

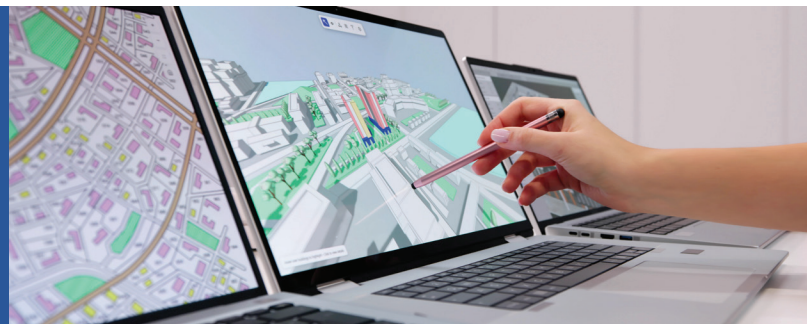
- **Full-stack application development** (web dashboards, portals, process tools with integrated GeoAI for intelligent automation and insights)
- **System architecture and design**, including scalable GeoAI infrastructure
- **Seamless integrations**
- **Geodata distribution**
- **Implementation of scalable, cloud-enabled geospatial platforms** optimized for GeoAI workloads
- **Custom solutions for cadastral management**, asset records, and cross-enterprise systems

Valued Outcomes:

- ✓ **Enhanced accuracy, reliability, and accessibility** of land records and spatial data.
- ✓ **Seamless integration** between legacy systems, open-source platforms, and Esri technologies.
- ✓ **Flexible, scalable solutions** tailored to meet evolving land administration and cadastral needs.
- ✓ **Integration of GeoAI technologies** to increase workflow accuracy and efficiency.
- ✓ **Accelerated deployment** of innovative mapping and data management applications.
- ✓ **Future-proofed system architecture** that supports growth and technology advancement.
- ✓ **Secure, efficient distribution of geospatial data** to stakeholders and the public.
- ✓ **Improved collaboration** across departments and external agencies.
- ✓ **Optimized use of both open-source and proprietary technologies** for greater cost-effectiveness and operational performance.

Why MNC?

We are more than coders—we are problem-solvers who understand your land, data, and operational needs and how to harness GeoAI to meet them. **MNC delivers tailored, future-proof geospatial solutions that scale as you do.**



Reimagine what's possible with your geospatial data.

Connect with MNC's geospatial development team for a discovery meeting today.

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ABOUT MNC

The Cadastral and Parcel Mapping Experts



MNC is a trusted leader in cadastral and parcel management with 25+ years of experience delivering GeoAI-ready datasets, modernizing parcel fabrics, and automating GIS workflows. As an Esri Gold and Cornerstone Partner with a Parcel Management Specialty and State and Local Government Specialty, MNC provides scalable advanced GIS, ArcGIS Pro, FME automation, MicroStation, AutoCAD and cloud-ready geospatial systems that improve data quality and support government land administration modernization across Canada, the USA, and the Caribbean.

