

Geospatial Centre of Excellence

NORTH AMERICAN LEADER IN GEOSPATIAL SOLUTIONS

The CGI Geospatial Centre of Excellence in Quebec is made up of 80 experts and is supported by a network of geospatial professionals, with over 500 members in 13 countries on four continents. Delivering conclusive results for over 25 years, our centres of excellence are an important part of CGI's global service offer.

The CGI Geospatial Centre of Excellence in Quebec draws on the link between its service offer and trends that are important to its customers. Today, geolocation data is paramount for the digital transformation of companies. Our experts therefore aim to enhance our customers' information assets and to highlight the synergy between geospatial solutions and other business areas such as business intelligence. Our service offer includes the design and development of solutions, systems integration, consulting services, outsourcing and application support, on-site and remotely. Our innovation activities lead us to develop creative and tailor-made solutions for our customers, such as geolocation mobile applications for operations in the field.

The expertise of our professionals, their skills and our service provision capabilities make the Geospatial Centre of Excellence a partner of choice for both our local customers and for those located across the globe.

ADVANTAGES OF THE GEOSPATIAL OFFER

- Proven experience thanks to our many accomplishments over more than 25 years
- Multilingual experts delivering an exceptional quality of service
- Competitive costs of developing and managing infrastructures
- An innovative service model that combines remote services, online and mobile integration, flexibility, cloud computing, outsourcing and business intelligence
- A distinctive integrated and turnkey solution: Microsoft & Java, Oracle & SQL Server, ESRI, Android, iOS, Windows Mobile, GIS & GeoBI, solution integration, 360 migration, security assessment, online training

OUR OFFER

Geographic Information Systems (GIS)

- Offer focused on digital transformation, user experience and desegregation of data and systems
- Mobile, web and systems development experts to suit the customer's needs

Geospatial Business Intelligence (GeoBI)

- Spatial and operational analyses, performance indicators and dashboards, data warehouses, data marts and information modelling

Geospatial data management systems

- Integration of geolocation with decision-making processes in real time
- Specialist ESRI, Oracle, Microsoft, SDE, Google and Latitude Geographic offer

GEOSPATIAL CENTRE OF EXCELLENCE

Types of intervention

- Design of geospatial solutions for business areas
- Solution architecture
- Development and deployment of solutions
- Development of mobile applications
- Public services: planning telecommunications networks, electricity infrastructures, gas distribution networks
- Environment, forestry and information asset management
- National security, health and 911 emergency

Geospatial technology

- ESRI, Safe Software and Geocortex
- Google, Android, iOS, Windows Mobile and OpenSource
- Oracle & Microsoft SQL Server
- OGC, ISO and FGDC standards

Geospatial information and system architecture

- Design, development and integration of systems, data portfolio vision
- Strategy for implementation, return on investment, demonstration of value

Geographic Software as a Service (SaaS)

- Data hosting and dissemination, web and mobile application services
- Accessibility, security, cloud computing, real time and big data

OUR SERVICES

- Big data, sensors, Web of Things and real time
- Geospatial business intelligence (GeoBI) solutions and diagnostics
- Geographic Information Systems (GIS) architecture
- Evolution, migration and maintenance strategies
- Data management and synchronization strategies
- Design and development of web and mobile solutions
- Geographic Software as a Service (SaaS)

THE CGI GEOSPATIAL SOLUTIONS NETWORK AROUND THE WORLD



GEOSPATIAL CENTRE OF EXCELLENCE

CUSTOMERS

Government and municipal sectors

- City of Calgary
- City of Montreal
- County of Fairfax
- Government of Alberta
- Government of Canada
- Government of Quebec
- Government of Saskatchewan
- Mississippi Department of Environment Quality (MDEQ)
- Saskatchewan Technology Office
- U.S. Department of Agriculture (USDA)

Financial Services

- IIS

Telecommunications

- Bell Canada

Energy and infrastructure

- Alliander
- Hydro-Québec

Engineering

- INGTECH
- TransCanada

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