



**SERVICES OFFERED IN:**  
English and French



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CGQ is a college centre for technology transfer affiliated with the Cégep de Chicoutimi. It leverages organizational performance and innovation by using and developing geomatics through applied research, technical assistance, specialized training and the dissemination of information.

## AREAS OF INNOVATION EXPERTISE

- Airborne and terrestrial multisensor imaging systems for various applications
- Protocols for acquiring and processing geospatial data by photogrammetry
- Real-time tracking and traceability
- Geographic Information Systems (GIS)
- Open source/open data geomatics infrastructure
- Web cartography and mobile applications

*Affiliated with the Cégep de Chicoutimi*

## TECHNICAL AND BUSINESS SERVICES

- Competitive market analysis
- Concept ideation & design review
- Design Services
- Digital Media & Web Solutions
- Facilitation service (introduction)
- Field trials/Simulation
- Problem solving
- Product testing
- Project management
- Proof of concept
- Rapid prototyping / 3D printing
- Regulatory guidance
- Scientific and technological monitoring
- Scientific report writing
- Technical assistance (consultation, comparative analysis of technologies, tests and analysis)
- Technology evaluation / validation
- Web-based and mobile application mapping

## APPLIED RESEARCH AND DEVELOPMENT

- 3D Scanning
- Concept validation
- Pre-commercialization 3D Printing services
- Process optimization
- Product Re-design & Improvement
- Provincial and federal grant proposal development
- Regulatory guidance
- Report preparation on R&D results
- Robotics and automation and imaging
- Technology validation and transfer

## TRAINING

- Connections to co-op placement opportunities
- Corporate on-site & in-house training
- Design, development, and delivery of customized training
- Interactive Workshop Sessions

## TECHNOLOGY DIFFUSION

- Customized technology demonstrations
- Field site product demonstration
- Industry-specific events & symposia
- Literature reviews
- Networking events
- Open houses - Testing facility & personnel
- Participation at trade shows & other venues with or on behalf of partners

- Rental of space & equipment
- Presentation of results at conferences
- Seminars and Workshops
- Technical publications

## INVENTORY OF SPECIALIZED EQUIPMENT

- Applanix APX-15 Trimble and AP15 Trimble
- ArcGis Data Interoperability Esri
- ArcGIS Esri
- ArcGIS Voyager Analyst Single Esri
- AsteRx-m GEOPOD Septentrio
- Autocad Map 3D 2011
- Autopano Giga 2.0 Kolor
- BlueGPS RoyalTek
- B RICOH
- Correlator 3D Simactive
- eCognition Developer 8.0 (NPO)
- EnsoMosaic UAV and Rapical Pro MosaicMill
- Envi 4.7 Envi
- ERMapper Pro InterGraph
- FLIR ResearchIR MAX Software FLIR
- Garmin Rino 530, Oregon 55, eTrex 20, eTrex Venture, Nüvi 350, Nüvi 2597LMT, Forerunner 305
- Geogreg FLIR
- Geo XH 2008 Trimble
- Global Mapper 15 Bluemarblegeo
- HERO 2 GoPro and HERO 3 Silver Edition GoPro
- Jmap K2 Geospatial
- Manifold GIS Manifold
- MapInfo Professional MapInfo
- MAPublisher and Geographic Imager
- Match-AT Lite Inpho
- PCI Geomatica
- PhotoModeler Scanner 2012 PhotoModeler
- Photoscan Pro Agisoft
- Pix4Dmapper Pix4D
- PurVIEW Esri
- Quantum GIS Open Source Geospatial (OSGeo)
- Spot Spot GPS Tracker
- Summit Evolution Professional Datem
- SX-Blue I and SX-Blue II GPS GENEQ
- Terrasync Prof sw 05 Trimble
- ThermoVision SDK FLIR
- Tracker GPS Quealink
- Tracker GPS Spark Nano Lightning GPS
- Tracker GPS TELTONIKA
- Tracker Super Trackstick Telespial Systems
- TRIMBLE business center Trimble
- TRIMBLE RealWorks Trimble
- Vertical Mapper 3.7 MapInfo