



Presentation to  
**GPAC/PJVA**  
**Joint Conference**  
Challenger Geomatics Ltd.  
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# Challenger Geomatics Ltd.

## Our Footprint

- **Started in 1984; over 30 years in business**
- **150+ Employees**
- **Employee-Owned**
- **Office Locations:**
  - **Calgary**
  - **Edmonton**
  - **Ft. McMurray**
  - **Whitehorse**



# Our Footprint

## Working Partnerships:

- **V3 Canada Ltd.**
- **Inukshuk Geomatics Inc. - NWT**
- **Sahtu Geomatics Ltd. - NWT**
- **Inukshuk Nunasi Geomatics - Nunavut**

## Geographic Footprint:

- **AB, BC, Manitoba and Sask.**
- **N60 – Yukon, NWT,  
Nunavut, and Nunavik**
- **International – Mongolia,  
Guyana, Thailand, Ghana.....**



# Challenger's Diversity

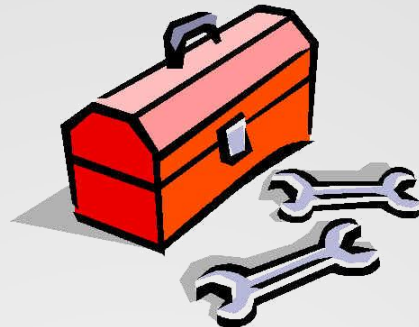


- **Construction Support**
- **Bathymetry Surveys**
- **Laser Scanning**
- **3D Modeling**
- **Training**
- **Oil and Gas**
- **Mining**
- **Photogrammetry**
- **Software Development**
- **Unmanned Aerial Vehicle**

# Challenger Geomatics Ltd.

## The Toolbox

- Conventional Survey Methodology
- GIS Mapping
- 3D Laser Scanning
- 3D Scout Tool
- Photogrammetry & LiDAR
- **Unmanned Aerial Vehicle (UAV)**



# Unmanned Aerial Vehicle (UAV) Video

[Click Here to watch our UAV video on Vimeo!](#)

<http://vimeo.com/110487559>

# UAV Advantages

- Quick and inexpensive return of orthographic and DSM/DEM data
- Ideal for use in difficult terrain or for dynamic, rapidly changing sites
- Broad range of applications:
  - ❑ Pipeline/Power Route Scouting
  - ❑ Plant Site & Infrastructure Mapping
  - ❑ 3D Modeling and Visualizations
  - ❑ Surveying Topography
  - ❑ Volume Calculations (Mining, Stock Piles)
  - ❑ Construction, Mining and Forestry Monitoring
  - ❑ Municipal Planning



**Come visit us at our booth!**

