



# UAV DRONE SERVICES



Utilizing unmanned aerial vehicles (UAV) or drones with an assortment of sensors and cameras, Vertex captures aerial imaging, videography and data of existing infrastructure and activity on site. With fixed wing and helicopter costs continuing to rise, UAV can be used at greater cost savings and additional accuracy as they come equipped with state-of-the-art autopilot systems enabled with GPS.

## Services

- Aerial Photography & Video
- Surveying & Mapping
- Contour / Topography Mapping
- Remote Real Time Monitoring of Sites
- Area / Volume Calculations for Spills & Stockpiles
- Inspections (Including Utility, Pipeline, Solar, Wind & Rock Face or Quarry Inspections)
- Emergency or High Risk Observation (Including Forest Fire Assessments)
- Watershed / Drainage & Erosion Analyses
- Environmental Monitoring & Reclamation Assessments
- Livestock Monitoring
- Assessment of Plant / Crop Health & Vigor
- Digital Surface & Terrain Modeling
- Ortho Mosaicking

