



Trillium

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Volumetric & Bathymetric Measurements - \$3500+/Day

Quantify material stockpiles, cut-and-fill volumes, or aquatic depth profiles with precise aerial surveying. We use photogrammetry, LiDAR, and sonar-equipped drones to calculate accurate measurements for earthworks, mining, agriculture, and waterbody analysis.

Construction Site & Floodplain Monitoring - \$3000+/Day

Monitor site progress and terrain changes with regular aerial surveys, ideal for project documentation, grading validation, and floodplain visualization. Data is processed into orthomosaics and 3D models aligned to existing GIS or CAD workflows.

Real Estate & Property Intelligence - \$600+/listing

Gain a competitive edge with aerial intelligence tailored for buyers, sellers, and investors. We deliver drone-captured real estate photography, 3D mapping, and photogrammetry for residential, commercial, and agricultural properties. Services also include pre-purchase reconnaissance, identifying neighbourhood risk factors and visible structural issues before committing to an investment.

Orthomosaic Mapping & Photogrammetry - Starting at \$1500/Day

Capture ultra-high-resolution aerial imagery that is processed into precise, georeferenced orthomosaic maps. These maps are ideal for site planning, environmental analysis, infrastructure assessment, and asset management. Using GNSS-enabled drone platforms and advanced stitching algorithms, we ensure centimeter-level spatial accuracy. Deliverables are compatible with most GIS platforms and can include digital surface models (DSMs), contour lines, and elevation data overlays.

3D Modeling of Structures & Terrain - Starting at \$1500/Day

Using structure-from-motion (SfM) photogrammetry and advanced drone imaging, we deliver accurate 3D reconstructions of buildings, infrastructure, and natural terrain. These models support visualization, planning, and digital twin creation, enhancing communication among engineers, stakeholders, and clients.



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Aerial Surveillance & Private Investigations - \$5000+/Day

Leverage discreet, high-resolution drone surveillance to support sensitive investigations in both urban and remote environments. Ideal for infidelity and domestic cases, insurance fraud, corporate misconduct, and missing persons, our operations are conducted under strict compliance with Transport Canada and privacy legislation. Real-time monitoring and recorded aerial footage provide irrefutable evidence for legal or personal matters.

Insurance & Legal Documentation - \$2000+/Site

Capture detailed aerial imagery and video for insurance claims, litigation, and investigative purposes. Services include property damage assessments, vehicle accident reconstruction, and scene documentation for personal injury or liability cases. Deliverables are optimized for legal admissibility and include expert witness support upon request.

Industrial & Infrastructure Inspections - \$3000+/Day

Inspect hard-to-reach assets safely and efficiently with drone-assisted imaging for telecom towers, solar arrays, construction zones, and mining sites. Our services include perimeter security checks, hazard documentation, and compliance validation for PPE usage and safety signage.

Remote Drone Inspections - \$1750+/Day

Capture high-resolution imagery and video for hard-to-reach structures including rooftops, towers, bridges, and industrial equipment. Our remote inspections eliminate the need for scaffolding or lift equipment, reducing safety risks and operational downtime.

Site Drone Monitoring- Contact us for quote.

Real-time monitoring service that detects, tracks, and logs unauthorized consumer drone activity in your protected airspace. Designed for private estates, sensitive facilities, and event security, it provides instant alerts, flight path mapping, and evidence capture to help enforce no-fly zones and safeguard privacy and safety.



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Environmental & Agricultural Monitoring - \$1500+ /Day

Monitor crop health, land use, and environmental threats using drone-mounted sensors and precision photogrammetry. Services include illegal dumping investigations, wildlife tracking in collaboration with research teams, and ecosystem documentation for environmental assessments

Training & Compliance Consulting - \$1500+ /Day

Equip your organization with the knowledge to operate drones responsibly and legally. We offer corporate training on Transport Canada drone regulations, privacy laws, and surveillance ethics. Specialized workshops available for security teams focusing on counter-drone tactics and aerial threat mitigation.

Search & Emergency Support - \$5000+ /Day

Deploy drone technology for time-sensitive operations including private search and rescue missions, post-disaster damage surveys, and crowd monitoring for public safety assessments. Our team responds quickly with thermal and high-visibility imaging, providing actionable data when every second counts.



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