

Argus Surveys

Accurate topography, focused where it matters.

High-accuracy, high-frequency satellite surveys for mine, water, and tailings engineers, enabling confident, timely decisions without the need for ground access. Designed for targeted operational areas.

Tackling Operational Challenges on Small, Dynamic Sites

Fast-changing sites and limited access can make it hard to assess conditions. Argus Surveys deliver the insights you need to act.

Key Factors	Challenge	Argus Solutions	Impact
Rapid Changes	Stockpiles, tailings, and water bodies evolve quickly	Delivers high-frequency topographic updates (4-26x/year)	Volumes, slopes, and water levels are tracked consistently
Operational Risk Management	Delayed or infrequent site data obscures critical changes	Provides timely, repeatable survey data without site visits	Regular, accurate updates allow proactive operational and compliance decisions
Access Limitations	Drones and field surveys can be constrained by access and scheduling	Remote, satellite-based surveys provide alternative source of survey data	Reliable survey data and insights without reliance on on-site resource availability

Our Users in Action

Designed for Operational Teams

User Type	Topographic Needs	How Argus Helps
Water Engineers	Track water levels and verify water balance KPIs	Frequent, accurate updates on water extents and elevation
Tailings Engineers	Plan and manage tailings deposition strategy	Consistent topography and volume data for proactive operational management
Mine Engineers	Monitor stockpile and waste dump volumes	Frequent, high-accuracy survey data to inform operational decisions

How Argus Surveys Helps Operational Teams

Argus Surveys deliver consistent, high-accuracy topography and derived insights.

They complement broader site survey programs, giving operational teams frequent, high-accuracy insights to make timely, confident decisions without the need for site access.

PhotoSat leverages 200+ years of combined expertise and proprietary technology to support the entire mining lifecycle, from exploration to closure.

Better Data. Better Decisions.