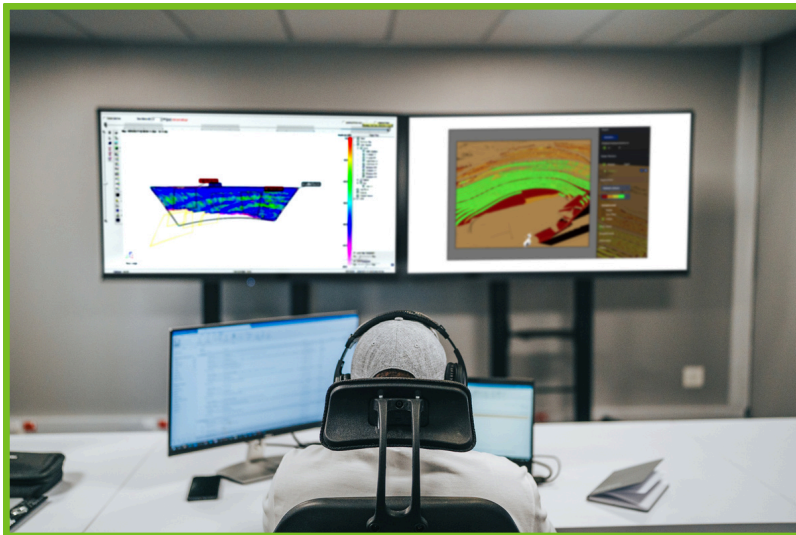


Geotechnical Monitoring Centre

24/7 Active Monitoring & Pre-emptive
Support for Open-Pit Mining Operations



**Active monitoring and pre-emptive
response, not a dispatch service
waiting for an alarm**

Reutech Mining's Geotechnical Monitoring Centre (GMC) provides active, 24/7 remote geotechnical monitoring support for open-pit mining operations.

Dedicated monitoring personnel continuously monitor agreed slopes and monitoring areas using data from Reutech Mining's MSR radar systems. Rather than waiting for an alarm before reviewing the data, the GMC actively monitors developing movement, reviews warnings and alarms, and communicates changes in accordance with the mine's agreed monitoring process, with escalation in line with the agreed TARP where applicable.

Monitoring support can be configured around the requirements of the operation, from site-run monitoring through to active 24/7 GMC support. The GMC executes the agreed monitoring process while the mine retains its geotechnical, operational and legal responsibilities.

Compatible Across the MSR Radar Portfolio

The GMC provides remote monitoring support across Reutech Mining's three MSR radar platforms.



MSR Modular

Real Aperture Radar for configurable strategic and tactical monitoring.



MSR Halo™

Synthetic Aperture Radar for strategic monitoring with broad coverage, long range and high spatial detail.



MSR Esprit 2

MIMO radar for tactical monitoring with very high temporal resolution.

Why Choose the GMC?

- 🕒 24/7 Active Monitoring**
Agreed slopes and monitoring areas are actively monitored around the clock, providing continuous coverage beyond normal operating hours.
- 👂 Dedicated Monitoring Personnel**
Qualified personnel monitor MSR radar data and review developing movement, warnings and alarms, with geotechnical engineers providing additional review and oversight where required.
- 🛡️ Secure Monitoring Environment**
Physical, cyber and data protection measures safeguard monitoring systems, data and communications.
- 💻 Extended Monitoring Capacity**
Additional capacity during periods of high monitoring workload, after hours, or where multiple radar systems or monitoring areas require ongoing attention.
- 📢 Pre-emptive Communication and Escalation**
Monitoring is not limited to responding to alarms. Developing conditions are communicated pre-emptively, with escalation according to the agreed monitoring process and TARP.

At a Glance

- **Service**
Active 24/7 remote geotechnical monitoring
- **Application**
Open-pit mining operations
- **Compatible radars**
MSR Modular
MSR Esprit 2
MSR Halo™
- **Personnel**
Qualified monitoring personnel
Geotechnical engineer review and oversight where required
- **Communication**
Pre-emptive communication and escalation in line with the agreed monitoring process and TARP
- **Support levels**
Configurable, from additional monitoring capacity to continuous 24/7 support
- **Security**
Physical, cyber and data protection measures
- **Responsibility**
The mine retains its geotechnical, operational and legal responsibilities
- **Monitoring range**
30 m to 5,000 m (98 ft to 16,404 ft)

Extend Your Monitoring Capability

Discuss your open-pit monitoring requirements with Reutech Mining and determine the appropriate level of GMC support for your operation.

REUTECH MINING
A DIVISION OF REUTECH (PTY) LTD

www.reutechmining.com

