

DCSurveys offers monitoring survey services of many types ranging from manual survey to automated systems to different industries.

## Who are we?

A new company created after the closing down of the Dimensional Control service line in Fugro Australia. Owned and operated by Ritchie Mulholland, Eric Kloosterman and Robert McGlade, the team including fellow ex Fugro surveyors and others have decades of combined experience in the field of Land Surveying, Dimensional Control, Laser Scanning, Metrology and Monitoring surveys both locally and Overseas.

## Methodologies

We couple efficient and fit for purpose survey methods with rigorous mathematical analysis so that combined with our experience we can provide the most appropriate monitoring solution to your requirements.

## Accuracy

We can propose the most precise and fit for purpose technology available to suit your requirements whether that is for centimeters, fractions of millimeters or anything in between.



## Benefits

- Safety
- management of assets or infrastructure
- compliance with regulatory authority requirements
- ability to control activities (such as tunneling, excavation, dewatering)
- reduce possible stresses and structural failures by monitoring lifts and loadouts

## Frequency

We can offer manual reading methods suitable for longer term data cycles or easy access situations or alternatively automated systems suited to higher frequency data or more challenging access situations.

## Reporting and Alarms

All monitoring solutions are offered with appropriate formats for reporting and analysis which can be tailored to your requirements. These can range from manually generated and issued reports to real time data made available through online portals. With the latter appropriate alarms can be configured to warn of pre-determined thresholds being exceeded.



Ensuring what is reported is correct  
Can you afford not too?

DCSurveys gives you that confidence

## Services offered

Examples of monitoring applications we have experience in:

- dams – annual monitoring for 3D movement
- survey and geotechnical monitoring during civil works projects
- rail tunneling – automated systems to determine the effect of tunneling on the built environment or of infrastructure development on existing tunnels
- settlement monitoring of surfaces or infrastructure such as tanks, towers or buildings over time or during nearby works
- monitoring of subsea spools and structures for pitch, roll and distortion during trial lifts or load out

