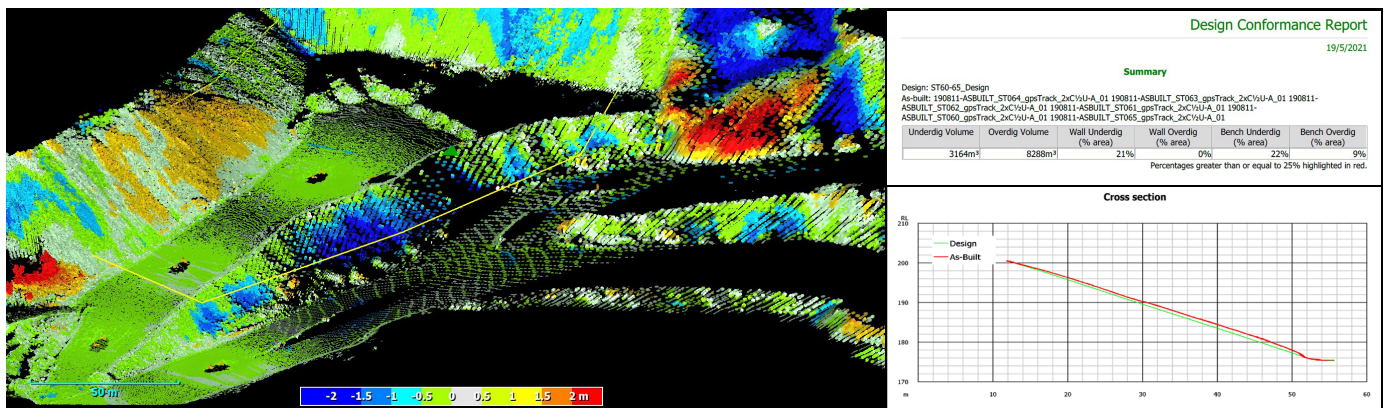




Design conformance with registration

Intuitive tools improve safety and productivity

Maptek™ provides an easy to use tool for rapidly evaluating and supporting design conformance. Quickly compare laser scans to designs in real time for integrated decision support.



Improve productivity

Monitor conformance of scans to design in real time in the field

Increase safety

Improve wall stability with flow on benefits for highwall and bench safety

Decision support

Ensure planning, design and production are working off accurate, current data

The FieldHHC add-on design conformance tool helps you instantly recognise in the field whether pit walls are conforming to design. Comprehensive registration tools ensure all of your scans are fully registered to optimise accurate conformance.

Issues can be resolved more quickly in the field. Dynamic reporting and cross section output means everyone stays up to date and production can continue uninterrupted.

The system streamlines communication between planning, design and production teams for improving wall stability and understanding wall conformance to support decision making. Using point cloud data allows users to check conformance between a design surface and actual scanned scenes instantly in the field with their Maptek 3D laser scanner.

Laser scans coloured based on their distance to the design enable immediate, intuitive understanding of what's happening in the field. Reports are quickly generated for distribution across the organisation.

Field design conformance available on the Maptek FieldHHC is complemented by the PointStudio Conformance Reporting add-on for office use.

Benefits

Support production goals through an intuitive field process that delivers immediate and accurate conformance data.

- Actively monitor conformance without interrupting production
- Conduct in-field conformance directly from laser scans
- Report on underdig/overdig volumes, distance to design for reconciliation
- Increase highwall, bench safety with improved wall stability

Features and capabilities

Visualise areas of non-conformance and report to planning and production teams for improving resource recovery.

- Complete cloud – cloud registration
- Register underground scans on the fly
- View and check scan registration before moving scanner
- Measure distance to design, from scan origin and conduct cross-section queries
- Import threshold legends for custom colouring of conformance levels