[PointStudio Contents](#)[Contact](#)

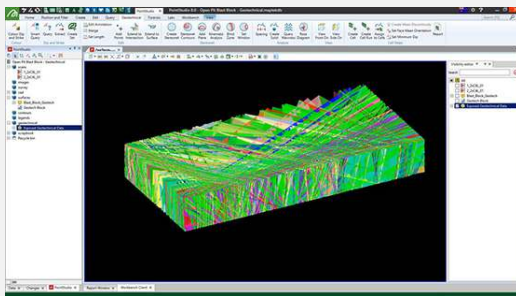
Dedicated workflows and reporting options improve efficiency and productivity for both surface and underground mine operations

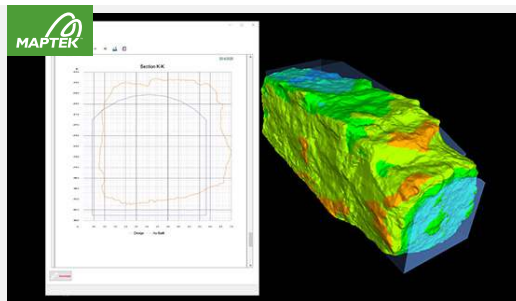
Get a quick and clear picture about the status of your project with intuitive point cloud processing tools. Process and combine point cloud data from [Maptek laser scanners](#), UAV and other lidar sensors into easy to understand deliverables. Measure stockpile volumes with ease, update end of month survey models with new field data, and analyse geotechnical risks that could impact the safety of your operation. PointStudio provides the tools to accurately measure, quantify and communicate conformance to design.

PointStudio is delivered on the Maptek Workbench for interoperability with other Maptek solutions. Users can easily set up workflows to automate and standardise site processes. Custom toolbars, menus, workflows and shortcut keys are easily set up to suit individual work patterns and standardise processes across teams, sites and operations



Apply PointStudio to specific mining applications with specialised add-ons to assist with planning and operational decisions





## How PointStudio helps

### Custom workflows and easy-to-use interface

Create custom workflows for routine mining tasks. Share and adapt with team members to create standardised processes for repeatable results.

### Flexible registration tools

Fast, smart registration tools to register many different types of data. Single-button survey registration as well as automated tools for un-surveyed scans.

### Powerful modelling and analysis tools

Create surfaces or models using various modelling options, depending on the type of data. Quickly analyse large datasets using query tools.

### Intuitive CAD interface

Powerful, intuitive and familiar CAD creation and editing tools.

### Impressive presentations

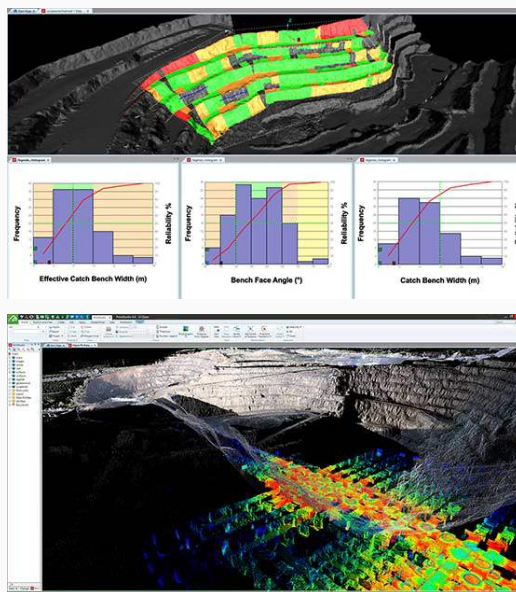
Direct export to 3D PDF and universal 3D file formats to allow dynamic viewing of models; create animations from key frames and deliver professional quality, high fidelity digital video output.

### Customised language interface

American English, Modern Chinese, Spanish, German, Japanese, Portuguese, Russian, French, Indonesian (Bahasa) and Simplified Chinese language interface chosen automatically based on PC settings.

### Multiple data formats

Work with common industry standard data formats.



## Extend PointStudio Functionality

Extend your survey applications with our geotechnical, design conformance and reporting add-ons.

### Geotechnical Tools

Add-on

Powerful analysis and mapping tools help manage risk in surface and underground mines.



## Photogrammetry

[Add-on](#)

Upload images from drone or UAV to extract extremely detailed point clouds.

[Product Details](#)

## Underground Tools

[Add-on](#)

A new ribbon menu including registration, filtering and modelling tools dedicated to underground survey applications.

[Product Details](#)

## Design Conformance

[Add-on](#)

Compare design surface to as-built and other surfaces, export PDFs of cross-sections and volumes showing conformance.

[Product Details](#)

## Inter-Ramp Compliance Reporting

[Add-on](#)

Report on bench face angles and catch bench widths. Determine if wall angles and catch bench widths need adjusting for safe, economic mining.

[Product Details](#)

## Haul Road Tools

[Add-on](#)

Ensure accurate data flows through to production for improved haul road design, mine processes and safety.

[Product Details](#)

## Rock Bolt Analysis

[Add-on](#)

Reconcile rock bolt distribution and effectiveness for improving safety underground.

[Product Details](#)

## Fragmentation Analysis

[Add-on](#)

Visualise and analyse the fragmentation of a blast to identify wall stability issues, and improve processes such as haulage and mill throughput.

[Product Details](#)

## How can we help?

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