

# Vulcan Surveyor

Vulcan Surveyor allows collected survey data to be imported into Vulcan for efficient review, manipulation and update. Direct communication with survey technology reduces errors which may occur during file transfers.

## Base Modules

### Triangulation

- Create/edit 3D surface and solid triangulations
- Generate contours
- Register images with triangulations for better visualisation

### Vulcan 3D CAD

- Design and digitise lines, polygons, points and text
- View, analyse, interactively edit 3D data

### Data Transfer

- Import and export data between Vulcan and other applications
- ODBC connection to SQL Server™, Oracle® and MS Access™

### Plotting

- Configure user-defined plot style sheets with title blocks and user prompts
- Edit and regenerate plot files
- Set up and generate single plots using a wizard-style interface
- Generate multiple plots with batch-style interface using existing data specs

## Add these modules

- + Block Modelling
- + Mine Design  
*[Open Pit or Underground]*
- + Geology
- + ESRI ARCGIS Interface

## Surveyor Modules

### Survey

- Download/upload to industry standard data collectors and total stations
- Perform survey network adjustments using the least squares variation of coordinates method
- Automatically apply graphical attributes to feature-coded raw data
- Calculate end area and triangulated volumes
- Generate 3D drives from survey strings

