

STUDIO GEO

Transform geological data into accurate models for smarter mining.

Revolutionise your workflow with Studio Geo, empowering your team with intuitive tools for real-time interpretation and updates to geological models.

Who uses Studio Geo:

- ✓ Resource Geologists
- ✓ Mine Geologists
- ✓ Exploration Geologists
- ✓ Mining Engineers
- ✓ Geology Consultants



STUDIO GEO OVERVIEW

Studio Geo empowers mining teams to create, interpret, and update geological models with unmatched ease and precision.

It provides a flexible dynamic modelling workflow, enabling teams to confidently tackle geological projects of any complexity or scale, and features:



Intuitive design



Cutting-edge implicit modelling tools



Real-time data integration



Seamless integration

Built on the trusted Datamine Studio platform, Studio Geo integrates seamlessly with leading geological databases like Fusion.



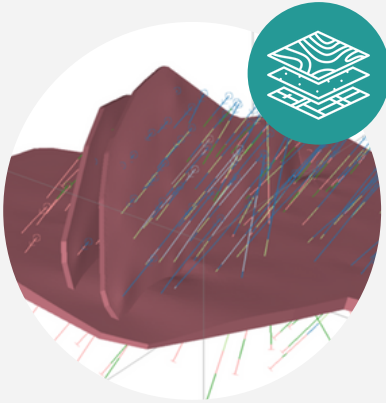
Streamlined teamwork

Its advanced collaboration capabilities, powered by the MineTrust multi-user environment, promote teamwork and ensure data consistency at every stage of a project.

With customisable workflows and automation driven by Datamine Macros, Studio Geo transforms geological modelling into a streamlined, collaborative, and highly efficient process.



KEY FEATURES

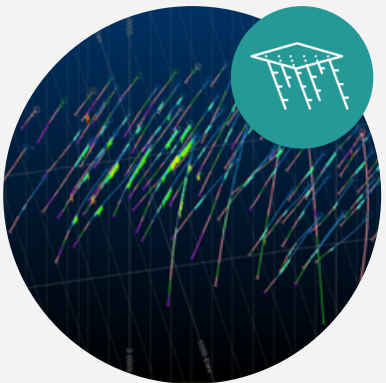
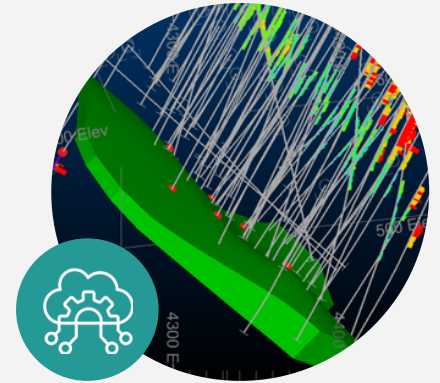


Dynamic Geological Modelling

Studio Geo delivers implicit modelling capabilities for faults, mineralisation, and lithology, with real-time updates into combined geological and block models. These updates ensure accuracy and adaptability as data evolves, making it easy for users to stay on top of complex geological updates. Its intuitive interface saves time and supports rapid scenario testing for projects of all scales.

Collaborative Multi-User Environment

Through MineTrust, Studio Geo facilitates multi-user collaboration with a centralised cloud or server-based environment. This ensures teams work from a synchronised, single source of truth, reducing inconsistencies and enabling version control with rollback functionality. Whether for small teams or large organisations, this feature improves data consistency and fosters efficient collaboration across departments.

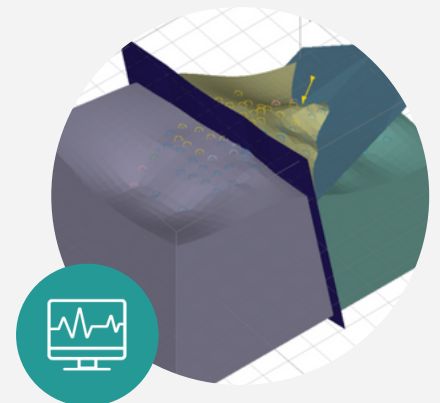


Streamlined Drillhole Management

Studio Geo integrates seamlessly with geological database management systems like Fusion and Sable, automating data retrieval and keeping drillhole data current. Users can import, validate, and analyse drillholes while preserving existing interpretations, which can be merged into new drilling campaigns. This ensures incremental updates, enabling efficient management of large datasets with ease.

Advanced Fault and Structural Analysis

Users can model faults, create fault blocks, and define cross-cutting relationships, seamlessly integrating these into geological domains. These tools enhance structural modelling accuracy, improve mine safety, and provide precise analysis for complex geological settings. Studio Geo's scalable and user-friendly design ensures it meets the needs of projects ranging from single-fault scenarios to multi-domain studies.



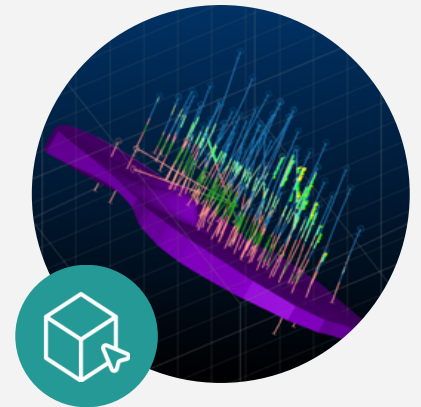


Integrated Reporting and Visualisation

Studio Geo provides dynamic volume reports, histograms, scatter charts and 3D visualisations that offer real-time insights into geological data and model updates. These tools enable informed, data-driven decisions, enhance stakeholder communication and allow effective scenario testing. The platform's intuitive design ensures these advanced tools are accessible to users of varying expertise.

Customisable and Scalable Workflow

Studio Geo's flexible workflows support multiple geological and fault domains with configurable settings for implicit modelling. The software's Datamine Macro integration allows users to easily automate tasks, generate block models and create zoned composites. Its scalability ensures suitability for both small-scale exploration and large, multi-domain mining operations, while its intuitive interface minimises the learning curve and maximises productivity.



SMARTER GEOLOGICAL MODELLING STARTS HERE

Whether tackling complex deposits, updating dynamic models, or improving collaboration across teams, Studio Geo redefines geological modelling by putting your needs first and delivering innovative solutions.

CONTACT US

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