

STUDIO RM

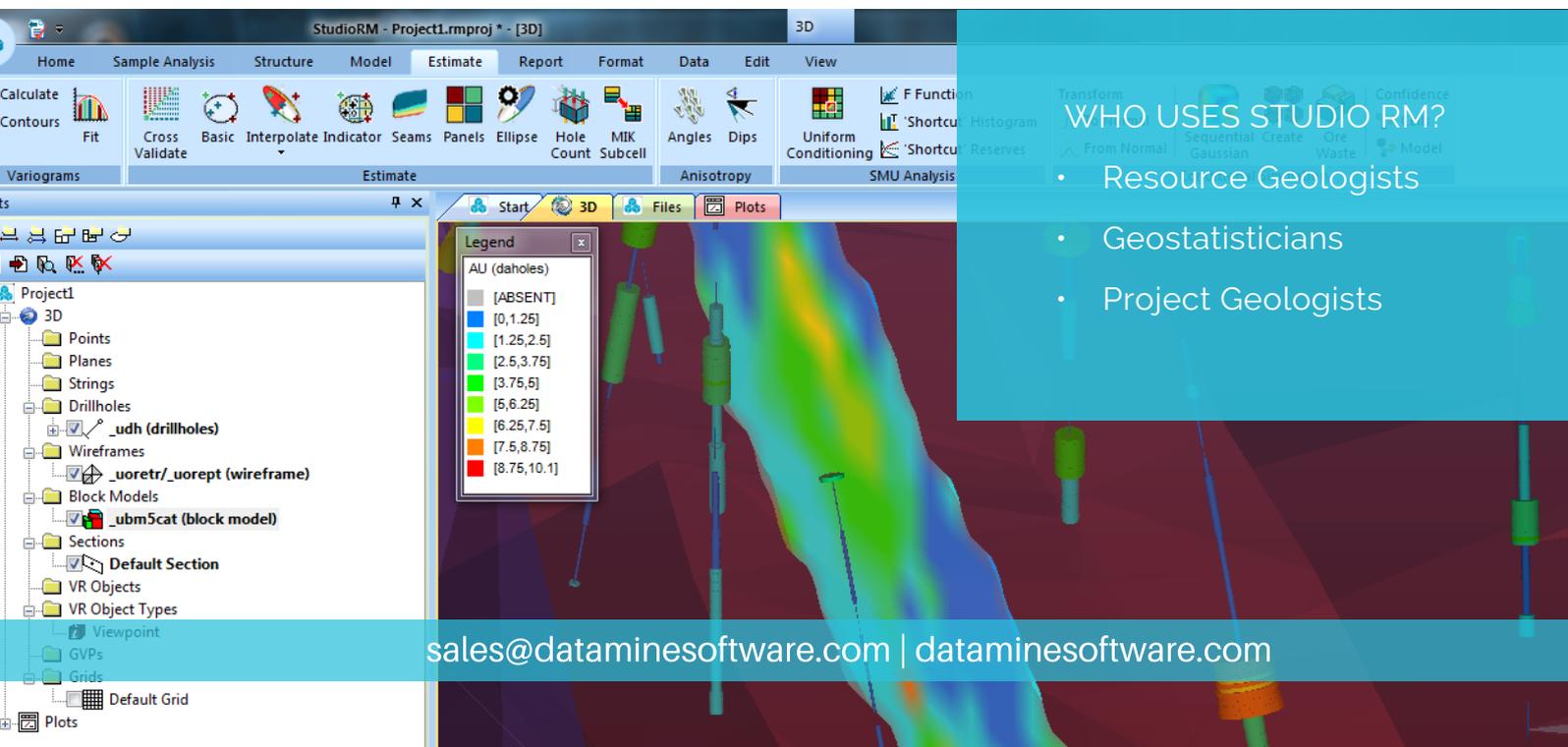
THE WORLD'S LEADING RESOURCE & RESERVE SOLUTION

INTRODUCTION

Studio RM is the only software that has been specifically designed to match the workflow of resource and reserve evaluation.

Under the hood, Studio RM contains the world's most trusted algorithms and sophisticated geostatistical techniques, made accessible by a streamlined, intuitive user interface.

Studio RM delivers auditable, repeatable processes to reliably produce resource and reserve statements according to the standards demanded by the JORC, SAMREC, NI 43-101 and Guide 7 reporting codes.



WHO USES STUDIO RM?

- Resource Geologists
- Geostatisticians
- Project Geologists

WHEN DETAILS MATTER

Delivering reliable estimates of resources and reserves to modern listing standards is not trivial. Studio RM is packed with functionality to handle any deposit type and modelling scenario, yet its interface and workflow, tailored to the resource geologist, removes the need for extensive training or years of experience to get familiar with a tool-box style system.

KEY BENEFITS

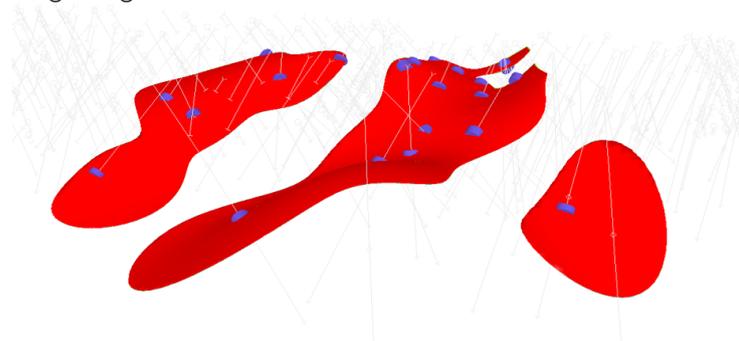
- **Accuracy** - produce resource and reserve models that accurately represent geology, structure, mineralisation and grade.
- **Attribute support** - include costs and engineering factors within multi-parametric models to represent mining reserves.
- **Automation** - update models and reports using consistent rules and methodologies as new data becomes available. Save time and reduce errors by easily capturing and automating pieces of workflow to reliably carry out repetitive tasks.
- **Integration** - derive value from all your data sources in one place with our comprehensive read and write capability.
- **Communication** - publish to Summit for secure storage and viewing in 3D online, or save data as 3D pdf files that can be viewed on any device with a pdf viewer.

FEATURE HIGHLIGHTS

- Handle complex data sets including drillhole samples, channel samples, face maps, laser and image processed 3D models.
- Superior geostatistical capabilities including dynamic anisotropy and orebody unfolding to deal with post mineralisation orebody distortion.
- Conditional simulation tools to quantify geological risk.
- Uniform conditioning to optimize the accuracy of the predicted recoverable resource estimates from sparse data.
- Surfacing and modelling tools that help define the structural geology quickly and accurately.
- Geotechnical modelling that provides a detailed understanding of ground stability.
- Sophisticated block modelling with comprehensive sub-celling to accurately represent grade and structure.
- Turn wireframe models into cell and sub-cell models in a single pass enabling structure and grade within orebodies to be modelled in as much detail as the data permits.
- Multi-parametric modelling capabilities that model geometallurgical and geotechnical parameters in addition to grade
- A Mineable Reserves Optimizer to rapidly convert a geological resource into a mineable reserve

BOOK A DEMO

To book a free demo of Studio RM, contact your local Datamine office.



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