

Advanced Modelling & Evaluation: Studio RM, Advanced Estimation & Supervisor

STUDIO RM

WHO USES STUDIO RM:

- ✓ Resource Geologists
- ✓ Project Geologists
- ✓ Geostatisticians

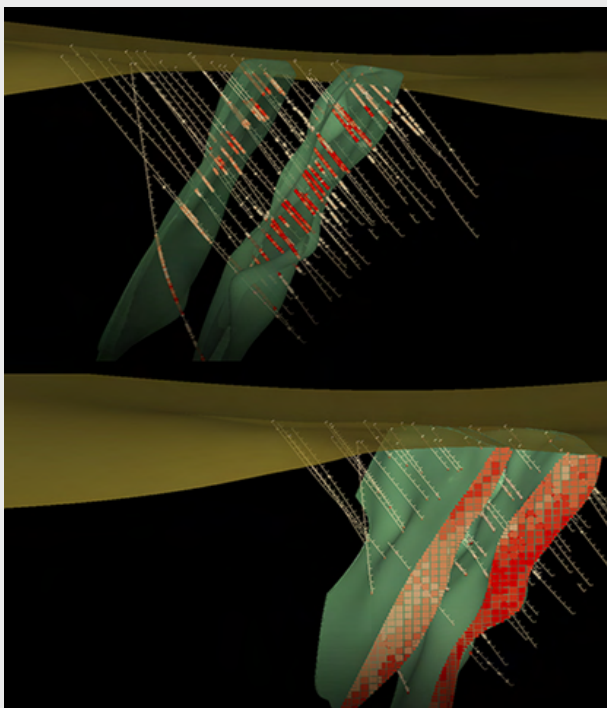
STUDIO RM

Studio RM Pro is a software solution comprising two market leading products: **Studio RM** with **Advanced Estimation** and **Supervisor**. This complete solution brings a partnership of trusted resource and reserve algorithms with high-end visualization and presentation tools. It includes sophisticated functionality built by geologists, for geologists, whatever their geostatistical and simulation capabilities.

The integrated solution provides specifically designed workflows and tools that quickly enable any geologist or geostatistician to carry out detailed resource & reserve analysis from geological modelling, geostatistical analyses, grade estimation and simulation through to validation and evaluation, on any type of deposit, to meet the standards demanded by the JORC, SAMREC, NI 43-101 and Guide7 reporting codes.

WHEN DETAILS MATTER

Delivering reliable estimates of resources and reserves to modern listing standards is never trivial. Complex modelling requires cutting edge tools that provide reliable results quickly. Studio RM Pro offers a broad range of workflows and tools to seamlessly carry out geological modelling, geostatistical analysis, grade estimation, validation and evaluation within one software solution.



KEY BENEFITS

- ✓ **Accuracy**
Produce resource and reserve models that accurately represent geology, structure, mineralisation and grade.
- ✓ **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**
Integration between Studio RM with Advanced Estimation and Supervisor means you get the best of all worlds. You have the most fit-for-purpose tools at hand to get the job done well.
- ✓ **Visualisation**
Advanced 3D visualization immerses you in your geological data, providing a full context and understanding. Filtering, legends, labelling and attribute support gives total control over how data is presented and interpreted.

FEATURE HIGHLIGHTS

- ✓ **Geological Modelling**
 Geological modelling for any type of deposit is straightforward; from traditional wireframing tools to vein, single surface or automated structural modelling, plus flexible categorical and grade shell modelling.
- ✓ **Drillhole Planning**
 Explore the drillhole planning workflow to rapidly plan a drilling campaign and respond to new drillhole data, targeting specific locations to firm up an estimate.
- ✓ **Advanced Geostats Tools**
 A range of geostatistical tools are at hand to help you understand the character of your orebody. From statistical analysis and domaining to optimizing estimation parameters, determining top cut strategies and variography, you are guaranteed robust results from your detailed geostatistical work.
- ✓ **Multi-threaded Grade Estimation**
 Fast, accurate grade estimation is flexible but simple, with a selection of linear (IPD, OK, SK, LKNO) and non-linear (uniform conditioning and conditional Simulation) estimation techniques, plus optional dynamic anisotropy and unfold facilities for structurally complex ore bodies.
- ✓ **Model Validation**
 Assess the accuracy of your estimate against input data in a fraction of the usual time with a suite of model validation tools. Generate grade trend plots, histograms, log probability plots, statistics and a global change of support to easily assess the quality of an estimate.
- ✓ **Handle Large, Diverse Data**
 Handle complex data sets including drillhole samples, channel samples, face maps, laser and image-processed 3D models.

CONTACT US



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