

AEGIS

Fastest underground blast design product on the market

Compare multiple blasting scenarios and costs

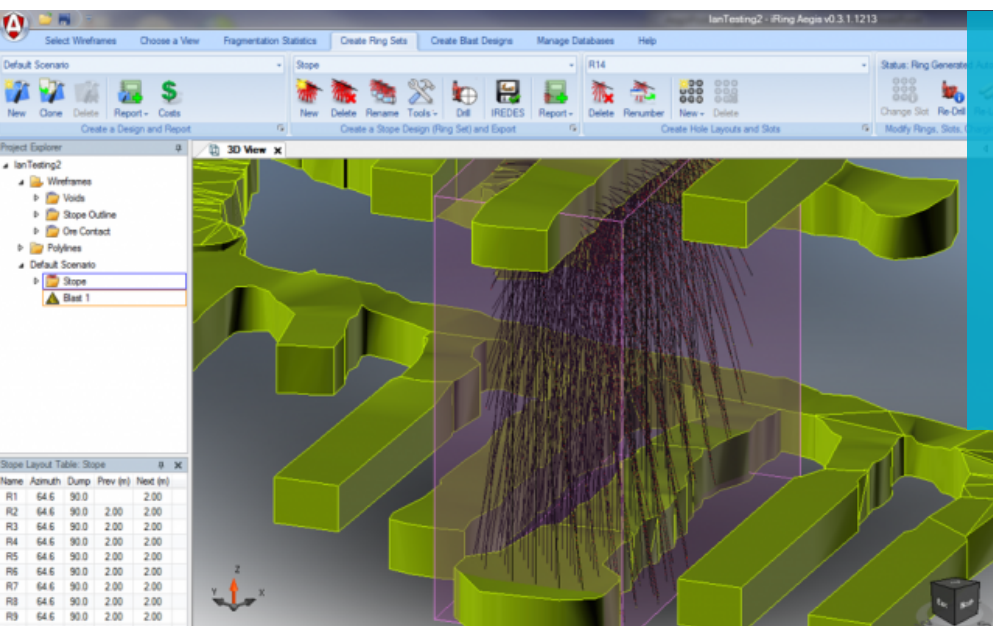
Analyse and improve blasting outcomes

OVERVIEW

Aegis is the next generation in underground blasting software, providing interactive, automated underground drill and blast design.

The system allows users to rapidly compare different scenarios and produce ring layouts, charging plans and blast plans to paper or directly to compatible drill rigs using IREDES.

Aegis Analyzer adds additional features including a pioneer break module simulation to better define optimal design parameters.



WHO USES AEGIS?

- Drill and Blast Engineers
- Mine Planning Engineers
- Mining Consultants

KEY BENEFITS

- **Fast and Repeatable** - Automated processes guided by user input parameters deliver consistent designs to site standards.
- **Compare Scenarios** - Quickly generate different ring layouts and charging patterns to evaluate differences in cost, dilution and break..
- **Analyse and Improve** - Aegis Analyzer provides a multitude of tools designed to improve blasting results and decrease costs.
- **Integrated Solution** - Seamlessly connected data sources with Studio UG mine planning software and common engine for geological evaluation.

FEATURE HIGHLIGHTS

- Automatically layout your entire stope in seconds based on user-defined drilling and blasting parameters.
- Incredible flexibility allows users to easily adjust the entire stope, a few rings or individual holes and charges to suit their needs.
- Drill rig, rock type, explosives and mine information are stored in a database for a complete historical record and easy reporting.
- Drop raise editor allows for slot raises to be designed and sequenced and then inserted into the drilling plan.
- Fully customizable printable drilling and charging reports and layouts.
- Electronic data transfer to compatible drill rigs using the IREDES protocol.
- Calibrate and estimate excavation break limits using Klein, Holmberg-Persson or Liu-Katsabanis blast energy algorithms.

BOOK A DEMO

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

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