AEGIS
Automated Underground Drill & Blast Solution

WHO USES AEGIS?
- Drill & Blast Engineers
- Mine Planning Engineer
- Mining Consultants

sales@dataminesoftware.com | dataminesoftware.com
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.

**FEATURE HIGHLIGHTS**

- **Automatically** lay out 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 customisable and 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-Katsabanisblast energy algorithms.
- AEGIS break analyser can transform underground blasting operations into primary crushing operations, diminishing the reliance on expensive underground crushers as the main means of delivering fragmented ore to a mill.

**KEY BENEFITS**

- **Fast & 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 & Improve**
  Aegis Analyzer provides a multitude of tools designed to improve blasting results and decrease costs.

- **Integrated Solution**
  Seamlessly connect data sources with Studio UG mine planning software and common engine for geological evaluation.

- **Intuitive & Visual Interface**
  Navigate quickly and easily with big visual buttons and a simple interface designed to make things easy on the eye and quick to use.

**BOOK A DEMO**

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https://www.dataminesoftware.com
sales@dataminesoftware.com