

ORE CONTROLLER

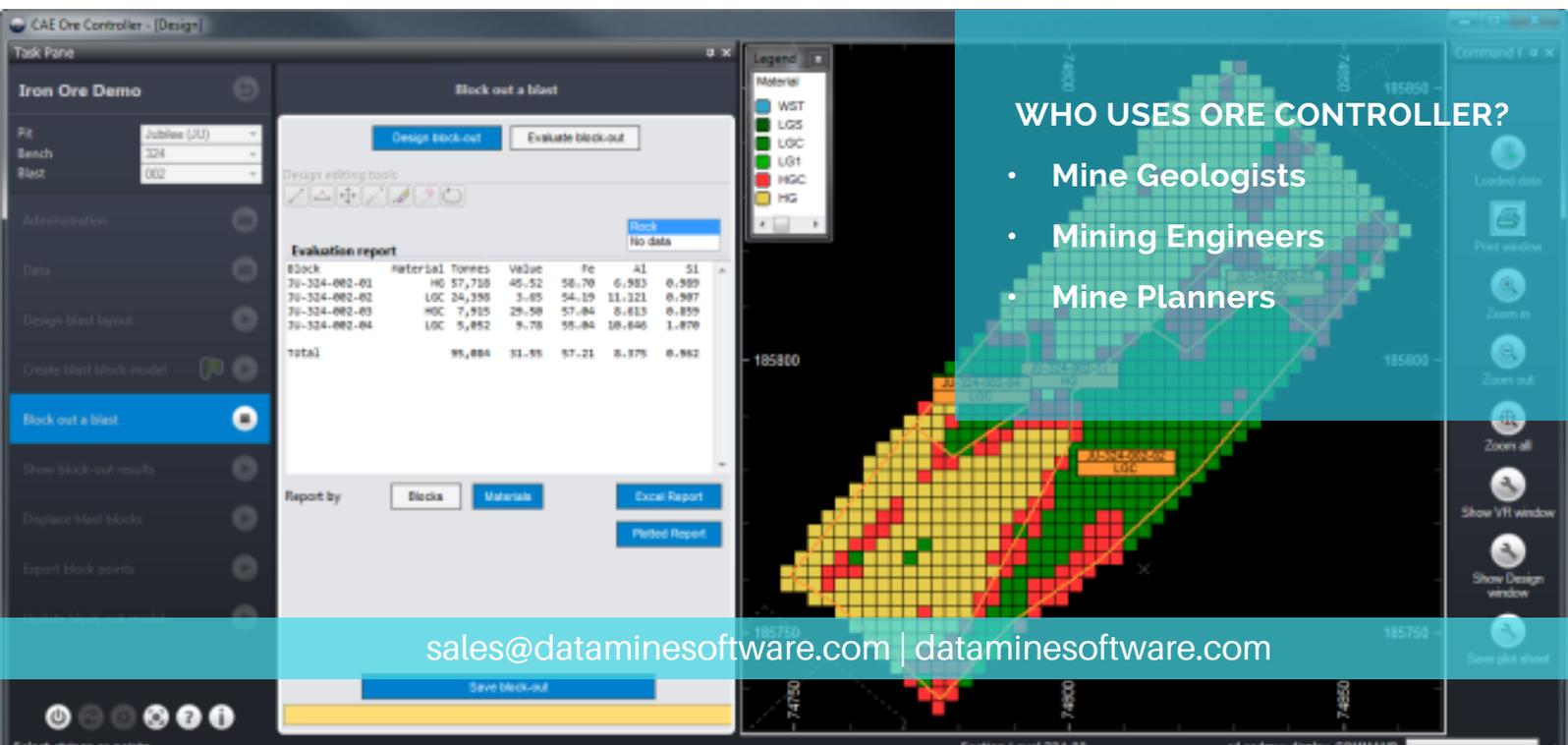
Multi-user,
customized grade
control

OVERVIEW

Ore Controller is the intelligent ore control system that fits seamlessly into your mine's existing operations and processes.

Regardless of the commodity that your business is in, each load of ore could be worth over \$10,000. It is critical that each truck goes to the right place. Your grade control system provides the last opportunity to decide what happens to the material being loaded, and must use sophisticated techniques to get the best result.

Using a central database and customizable workflow, Ore Controller breaks up grade control tasks into clearly-defined activities, and guides each user through their day to day work.



The screenshot displays the CAE Ore Controller software interface. On the left is a 'Task Pane' with a 'Block out a blast' button. The main window shows a 3D block model with a legend for materials: WST (blue), LGS (green), LOC (red), LBT (yellow), HGC (orange), and HG (purple). An 'Evaluation report' table is visible, showing material tonnage and values for different blocks.

Block	Material	Tonnes	Value	Fe	Al	Si
70-324-002-01	HG	57,710	45.52	58.70	6.983	0.989
70-324-002-02	LOC	24,390	3.85	54.15	11.321	0.987
70-324-002-03	HGC	7,915	29.58	57.84	8.613	0.859
70-324-002-04	LOC	5,852	9.78	55.84	18.646	1.878
Total		95,864	91.73	57.21	8.979	0.982

Report by:

WHO USES ORE CONTROLLER?

- Mine Geologists
- Mining Engineers
- Mine Planners

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KEY BENEFITS

- **Reduce Dilution:** Ore Controller minimizes misclassification of ore and waste materials through a combination of sophisticated block modelling, easy blocking-out and interaction with blast displacement modeling systems.
- **Improve Safety:** The system transfers mining blocks directly to the operator console when using high precision GPS for shovels. The time that surveyors and geologists spend on site in potentially hazardous situations is reduced, improving safe working practice.
- **Enhance Efficiency:** Ore Controller's predefined work flow provides a comprehensive, user friendly platform to plan and model ore control operations. The system enables activities according to data availability, guiding users through their workflow and enhancing worker efficiency.

FEATURE HIGHLIGHTS

- **Multi-user:** Ore Controller allows multiple users to collaborate on day to day grade control tasks, eliminating the possibility of users interfering with each other's work.
- **Central database:** Ore Controller uses a central database and delivers the most up to date information directly to users' workstations.
- **Governance and repeatability:** Ore Controller defines a work flow in terms of standard activities, which guarantees that grade control procedures are carried out in the same way regardless of who is on site
- **User-friendly interface:** With a user-friendly interface, Ore Controller enables activities according to whether data is available, leading users through the pre-defined workflow.
- **Multi-vendor data:** Ore Controller understands all of the industry standard data types including Datamine, Maptek, Gemcom / Surpac, Minesight, acQuire, CAD Systems and others.
- **Reports:** Visual and tabular reports are generated within each stage of the workflow as required. Users do not spend time making adjustments or having to manually edit output each time they carry out an activity.

BOOK A DEMO

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

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