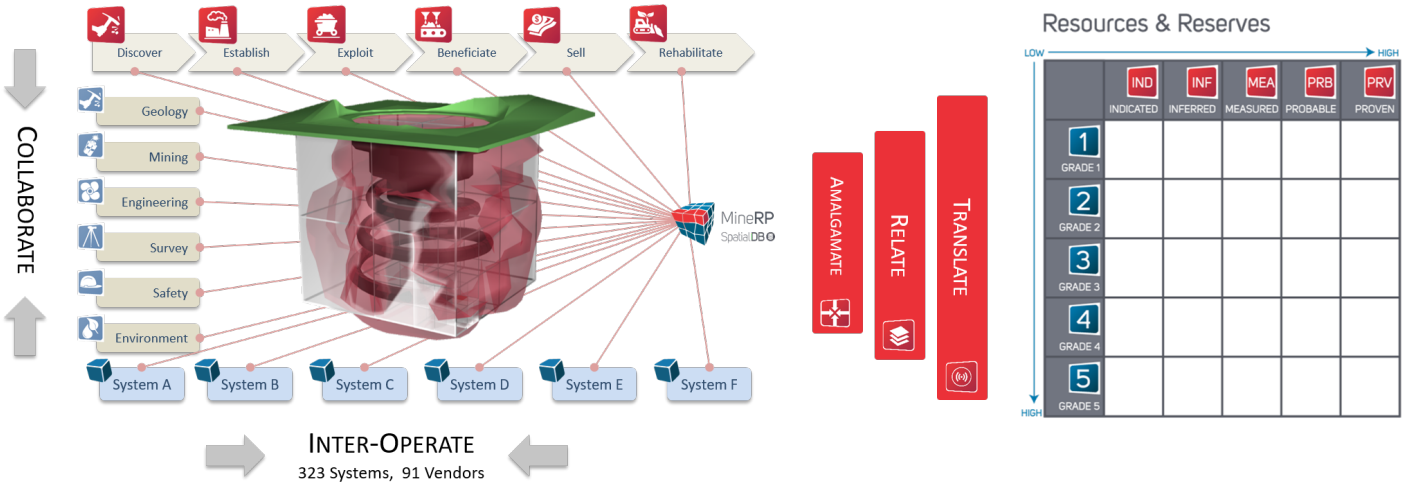
Unified Mineral Inventory Management

Resource and Reserve management fully extended to real-time production inventory planning and control. Employ best practice in materials and inventory management to enable you to run your mine like a factory and manage mineral assets optimally.



Mines are digitally represented by fragmented, non-aligned systems, causing low visibility of the end-to-end production processes. Classification and evaluation of resources and reserves (ready-to-be-mined in-situ rock), are based on highly technical calculations by competent people who are left to rely on a multitude of non-integrated MTS data-sets for input. Expressing resources and reserves as ready-to-be-mined in-situ assets in the ERP trigger manufacturing-like ERP production-, logistics- and financial asset accounting practices and processes.

The location and production parameters of all resources and reserves all live in MineRP systems, as MineRP does vertical integration of all MTS systems, using space as the common index. Reserve position or classification changes as budgets, plans, actuals, sampling, drilling, inspections and evaluation can be expressed as ERP-like material transactions. Such change-transactions can update an ERP system's materials management system, triggering a multitude of ERP processes like ERP production, logistics, and representing the to-be, or broken rock as raw materials that are enriched through a production process. This streamlines processes, with savings potential for just-in-time production- and logistics management.

- Bringing intelligence to the workplace through controlled execution of scheduled (With Resource & Reserve in ERP, mineable reserves become the 'raw material' for the 'mining factory', that triggers balance sheet, production, and supply chain activities in ERP
- Speed & accuracy of Resource and Reserve reporting process with auditability and transparency
- Unified Resource Management Enables pro-active stewardship of the ore body

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