



BENEFITS

- Manage a project's cost and performance during the feasibility study, mine construction, and reclamation of the land
- Capture and recognize every detail that contributes to the cost estimate
- Instant visibility into project details to make better business decisions
- See cost impact to schedule changes in real-time
- Perform "What-if?" analysis to see cost impacts



Overview

HD works with mining and exploration companies around the world to deliver and implement a fully integrated Project Cost Management solution. The process of mining, from discovery of an ore body through extraction of minerals, and returning the land to its natural state, consists of several distinct stages. HD supports operators, engineers, and contractors throughout these stages with a robust set of tools to manage a project's cost and performance during the feasibility study, construction of the mine, and reclamation of the land. HD's Project Cost Management system provides its users with an integrated environment promoting standardization - with core competencies in detailed cost estimating, project performance tracking, remote timesheets, and cross project reporting. HD delivers increased accuracy and visibility into a project costs and performance serving project personnel with the details to make better business decisions.

Increase Estimating Accuracy and Confidence

Whether creating a feasibility study, cost estimate, or a bid to construct a mine, HD Estimating helps mining engineers and contractors increase the accuracy and visibility of their cost models. HD users minimize the risk of over-runs by capturing and recognizing every detail that contributes to the cost estimate model, such as, different shift arrangements, labor overtime, labor bonuses, escalation, Drift cycle factors, and more. Detail driven cost models help answer the tough project questions and empower the project team to make better project planning and estimating decisions.

- Model cost with unlimited levels of detail
- Centralized database of cost resources - define unlimited Labor, Equipment, Rented Equipment, Installed, Equipment, Materials, Supplies, and Unique resources
- Create multiple resource rates for each wage zone, geographic region, and/or each project without impacting master rates
- Create pre-defined crews and assemblies with production factors and easily employ in an estimate
- Define default shift arrangements and recognize multiple wage scales (regular, overtime, double time) for labor resources
- Define current unit costs of fuel to automatically calculate the project's fuel cost based on fuel consumption rates for each equipment resource
- Apply man-hour factors to production rates to account for project-specific conditions

Stay in Control with Progress Tracking

As a project begins, it is critical that project management teams receive the right information and receive it fast. HD Progress Tracking provides project personnel with

Add 9%

plus to the bottom line
of every project!



FEATURES

- Excel Integration
- Scheduling Integration
- Project Details
- Detailed Cost Libraries

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HD FOR MINING

the detailed feedback on how their project is doing on a daily basis. Project teams get immediate insight into budgeted versus actual; including, man hours, equipment hours, production, timing, cost and profit. Daily reports are available from a whole project perspective or specific activities (phases, areas, etc.) revealing overall budget vs. actual, budgeted-to-date vs. actual-to-date, variances, and forecast at completion. HD Progress Tracking provides the critical project information that can make or break a project. Identify inefficiencies in production or cost over runs and respond immediately to correct the situation and minimize or eliminate the impact on the overall project. Stay in control with detailed project information in real time.

- Record quantities completed for Bill of Quantity (BOQ) at any level of the WBS
- View the percent complete status for each BOQ or account, and for the entire job
- Automatically calculate As-built Production and compare to Planned Production
- Represent production values in multiple formats (units per man-hour, man-hours per unit, and more)
- Forecast production for the remaining work of a BOQ or account using average production to date, most recent production, or any user-defined production rate
- View graphs comparing the As-built, Most Recent, and Planned Production values for cost items or accounts
- Compare estimated vs. actual vs. forecasted costs
- Reports, including daily foreman reports and cost-to-budget status reports, can be as concise or as detailed as required
- Create, save, and print custom views of Job Tracking data with user-defined sorting and filters

Synchronize Scheduling

Scope, cost, and schedule are the critical elements that make up any project. HD provides live integration into leading scheduling softwares (Primavera and MS Project) establishing a live relationship between the detailed cost model, work plan, and the schedule. Mining engineers and contractors now have increased visibility to answer the tough questions (what-if?) to see the cost impacts of scheduling changes, or scheduling impacts of an estimate change in real-time. Consider all of the elements and details of your project and make better work plan and scheduling decisions with confidence.

- Create cost and resource-loaded schedules in record time with a dynamic integration (no export/import)
- Automatically load BOQ's, estimated durations, resources and costs from HD projects into the schedule
- Roll-up multiple items from the HD project into single activities in the schedule
- Drive schedule durations from estimated durations in HD, including productivity-based durations or from "plug" durations in HD, allowing schedules to show different durations than the assumptions made in the budget
- Keep the Work Plan, Budget, and Schedule In-Sync When Things Change with one-click, real-time synchronization between the HD project and the schedule (no import/export required)
- Automatically update activity IDs, descriptions, durations, resources, and costs when changes are made to the HD project
- Automatically update durations, start dates, and finish dates in the HD project when changes are made to the schedule
- Control what information gets passed between HD and the schedule on a project by project basis
- Perform "what if" analysis to simultaneously see the cost and timing impact of changes made to either the HD budget or the schedule