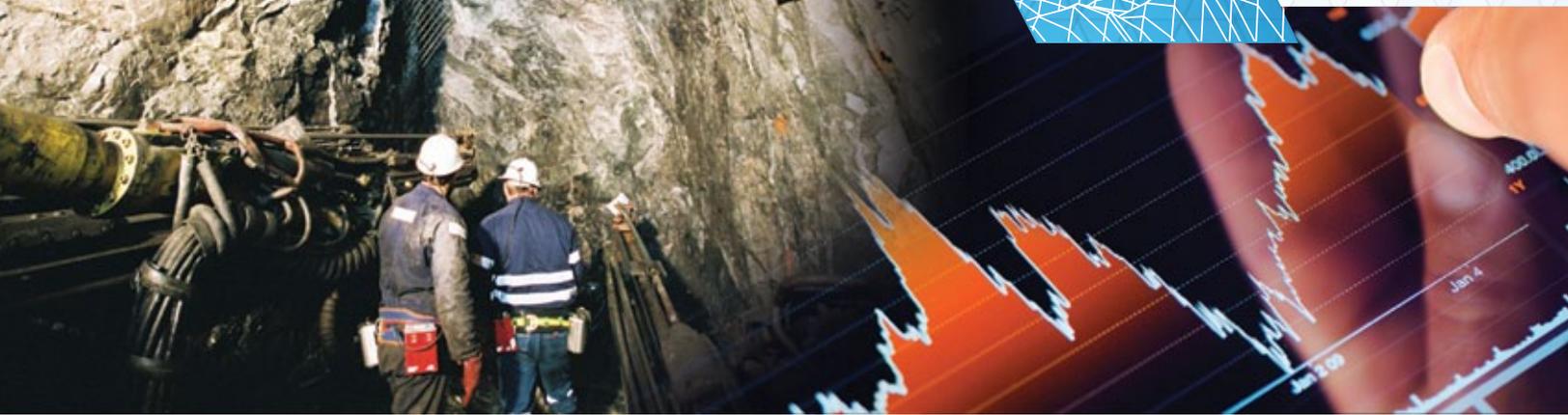


HD Project Cost Management

HD Integrates with Studio 5D Planner and EPS



Hard Dollar Project Cost Management Solution

Hard Dollar's Project Cost Management Solution, HD, builds cost models, manages progress and forecasts completion. No other system provides this level of flexibility and visibility across project lifecycles. HD's integration with Studio 5D Planner and EPS allow the 'fifth dimension', cost, to be seamlessly added to the standard mine planning cycle.

Design

As changes occur to the design in Studio 5D Planner, modifications to the estimate and schedule are automated throughout the entire cycle, recalculating the effects of design and quantity changes, and eliminating manual entry.

Schedule

Connect with Enhanced Production Scheduler (EPS). HD also integrates with Primavera, and Microsoft Project for live cost changes in estimates and schedules - keeping projects on budget and on time.

Estimate

Create detailed or conceptual estimates with third-party cost data, historical benchmarks, real-time cash flow analysis, crews and assemblies, and production rates.

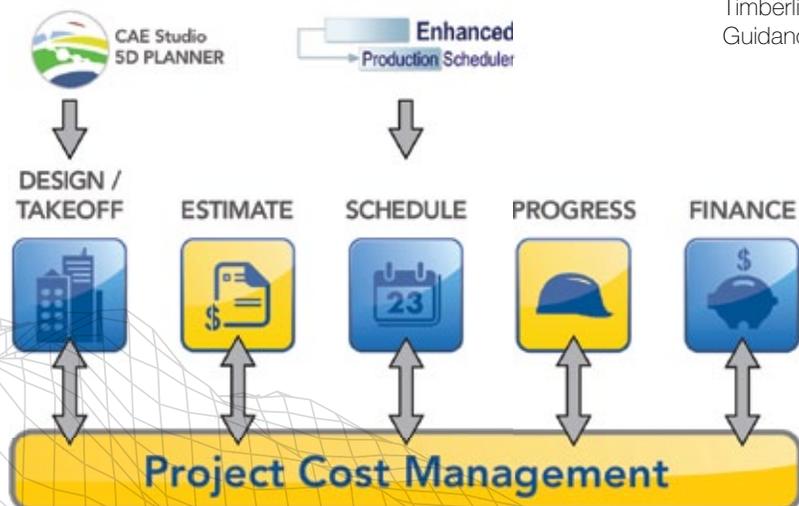
Progress

Track project progress and productivity with web-based progress updates. Collect timesheets data from jobsites, while sharing data electronically - eliminating double entries and standardizing data collection from other sources.

Estimates and schedules are in sync throughout the project, saving calculation time and increasing project accuracy.

Finance

Integrate with more than 35 financial and ERP systems including Timberline, Viewpoint, JD Edwards, Dexter + Chaney, Computer Guidance Corporation, Oracle, and SAP.



Inside HD Project Cost Management...

Time-Phased Cost Modelling

Analyze and manage expected costs with time-phased cost modelling and forecasting to secure project funding. Evaluate the impact of spend levels over time to adjust resources and budget allocations.

Cash Flow Analysis

Instant cash flow forecasting with current resource utilization rates empowers owners to support pricing strategies and meet changing customer requirements.

Manage Changes

Respond to fluctuations and variances in design, resources, structure, and conditions with the most up-to-date information. HD allows you to take control of changes, making the most strategic business decisions from data and 'what if' scenarios based over time.

Drive Resource Decisions

Surface and underground mining projects require continual decisions. Compare the costs and resources for using electric versus diesel equipment, renting versus owning equipment, contracting or doing the work yourself – HD gives you the power to decide by centralizing the data.

Effectively Collaborate

Owners, EPCMs, and Contractors can collaborate and track project information simultaneously with the HD multi-user network across remote locations. HD helps you stay connected to the people and information you need while offering an intelligent change log that allows all to see the changes made to a project.

Integrate Design Cost & Schedule

Increase efficiency with HD's dynamic scheduling and cost integration, creating a single environment to allow cost and resource loaded scheduling.

Manage cost estimate changes with seamless Enhanced Production Scheduler (EPS) integration, allowing your Studio 5D Planner mine design and schedule to flow straight into HD for detailed cost estimation. In addition, HD also has the ability to integrate seamlessly with Primavera and Microsoft Project. Estimates and schedules remain in sync throughout the project, saving calculation time and increasing project accuracy.

Dynamic Excel Integration

Reduce spreadsheet errors with helpful, interactive Excel integration that validates existing formulas from start to finish. Calculate specific formulas and dynamically link the values to the HD planning features.

Detailed Rate Breakdowns

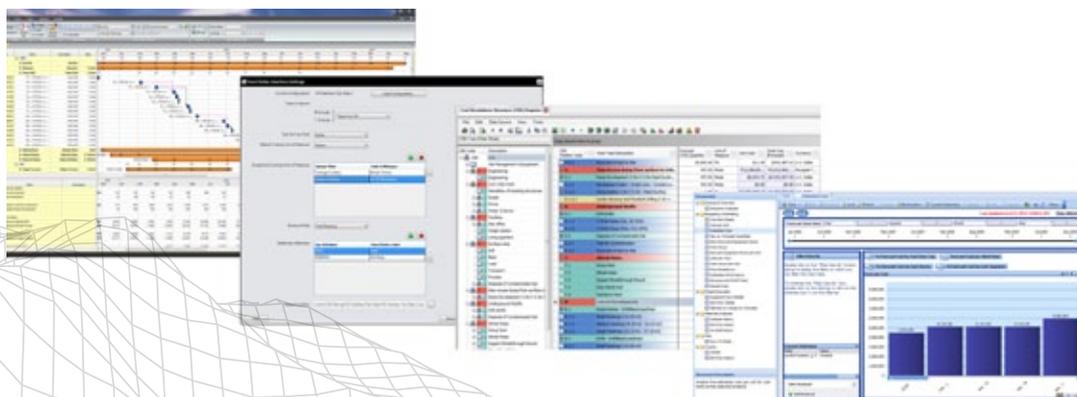
Deliver meaningful, detailed resource rate breakdowns to build a strong, organized mine plan. With a subscription to InfoMine's CostMine tool, you can instantly populate those resources into your estimate. HD also allows you to create multiple resource rates for each project without impacting master rates, and automatically calculate the project's fuel consumption rates for equipment.

Geographically Diverse

Tie local resource rates to any geographical location with the ability to work with multicurrency rates within the project. Man-Hour Tracking Accelerate productivity with model-driven solutions that reduce time and simplify the process. Pre-define crews and assemblies with production factors, and use wage scales for a calculation of overtime costs and bonuses.

Real - Time Analytics

Reduce overages and drive total visibility with the online tool from HD. Create, assemble, and deliver high-impact dashboards and graphs to provide detailed information on cash flow costs, earned value, and resource utilization over financial periods. HD ProjectFacts® creates live, digital correspondence and reports that support profitable, sustainable project performance.



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