



# HD for Oil & Gas

## Boost Project Confidence & Intelligence

HD for Oil & Gas meets multiple industry challenges including predictability, mandatory completion dates, and maintaining ongoing skilled labor. Successfully deliver a complex project with the most powerful levels of interoperability, collaboration, and information sharing.

### HD Solutions for Oil & Gas

- Simplify project planning decisions
- Increase efficiency with streamlined processes
- Make better decisions with real-time visibility into cost impact of schedule changes

Looking to standardize the oil & gas process?

Want to efficiently plan a project from start to finish?

Tired of using spreadsheets as a total project solution?

**REDUCE**  
PROJECT COSTS by **15%**  
**INCREASE**  
PRODUCTIVITY by **300%**

### Time-Phased Cost Modeling

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

### Variation Controls

The value of estimating a project with the detail and control that HD offers can only exist with an accompanying watertight variation control system. HD's complete audit trail incorporates fail-safe variation control. The scope of work cannot change without logging the variation and that variation's commercial status.

### Schedule/Cost Integration

The Oil & Gas industry's early adoption of computerized project controls led to a method that cannot properly integrate cost and schedule. HD's dynamic schedule/cost integration enables a generational break from legacy systems and creates a single environment that controls cost, time, and resource.

### Centralize Multiple Estimating Systems

Over time, Oil & Gas organizations are likely to have a host of estimating "systems" – including disparate spreadsheets. These external spreadsheets can be incorporated into HD, giving you central control over unique environments.

### Cost and Value

HD is designed to understand cost and value. Every resource in HD has a cost and a value, and the value can have a different time basis than the cost.

### Total Earned Value and Productivity Insight

HD provides a complete view of earned value and productivity, taking the functions of scheduling applications like Primavera® and Microsoft® Project to added comprehensive reporting of all aspects of earned value for complete job visibility. For example, Primavera® P6 reports productivity on the activity, without presenting the values for each resource. Adding the details at the resource level completes the loop allowing earned value reporting performed by a complex team of people and equipment.

### Scheduling Communication

Leverage the industry's most advanced bi-directional, real-time integration with scheduling systems from Primavera® and Microsoft® Project to provide the ultimate flexibility to plan and meet owner mandated cash schedules. Planning work and resources to fit within scheduled plant down times becomes a simple process with HD's detailed historical crew and labor production databases.



# HD Project Cost Management

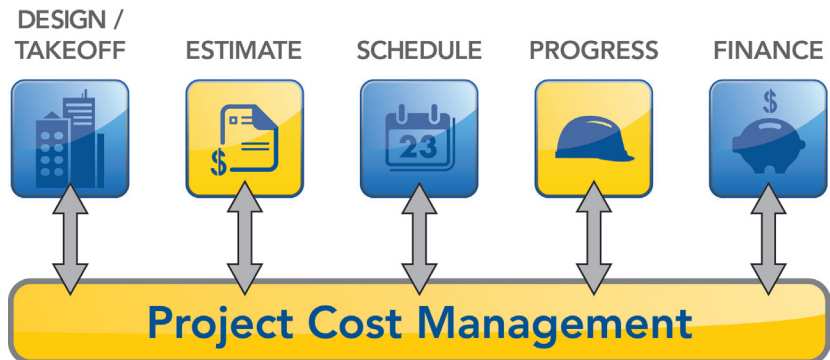
A Centralized Process for Consultants

## ADVANCED FEATURES

- Centralized NORMS database with historic cost items and built-in productivity
- Record quantities completed and percent complete
- Unlimited resource-level cost detailing
- Conditional 'what-if' resource costing
- Flexible resource cost categories
- Productivity calculation and analysis
- Profit & overhead reporting
- Distribution of actual data
- Excel imports
- Standardized repeatable processes
- Team collaboration and updates

## The HD Project Cost Management Solution

HD software builds costs models, manages progress and forecasts completion. No other system provides this level of flexibility and visibility across project lifecycles.



### Design / Takeoff

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

### 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.

### Estimate

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

### Finance

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

### Schedule

Connect with Oracle's Primavera and Microsoft Project for live cost changes in estimates and schedules - keeping projects on budget and on time. Estimates and schedules are in sync throughout the project, saving calculation time and increasing project accuracy.

## PROJECTFACTS®

- Web-based analytics and reporting
- Make validated business decisions with instant insight into critical information
- Leverage historical data with high, low, and average bid prices
- Eliminate hundreds of man hours spent gathering data, and assembling and distributing reports

“ Our bids using spreadsheets were 10-20% less accurate than those done in HD. ”

- Rouan duRand,  
Project Controls Manager,  
REDPATH

