



# HD Progress Measurement



## Build Complete Project Confidence

Collect progress, measure current completion against the budget estimate, compare to actuals, and forecast completion at the project level and the activity level on capital projects.

### HD Progress Measurement

- Approve and manage collected time
- Simplify resource management
- Reconcile planned quantities

Looking to keep progress and schedule in sync?

Need to analyze BCWS, ACWP, and EAC?

Do you want to reconcile planned vs actual quantities with accounting?

### Measure Progress & Plan

Centralize progress measurement information, leveraging budget activities to calculate percent complete, budgeted cost of work scheduled (BCWS), earned value, actual cost of work performed (ACWP), cost variance, estimate at completion (EAC), and forecast variance values against budget values.

### Calculate Quantity & Percent Complete

Track planned quantities, man-hours, and equipment hours against actual quantities, man-hours, and equipment hours complete. Quantities can auto-calculate percent complete or percent complete can be entered directly. Integration with scheduling drives percent complete, keeping progress and schedule in sync while providing visibility across the enterprise.

### Reconcile Project Cost with ERP Systems

Compare calculated accrued actuals from work performed with ERP accounting accruals and actuals. Reconcile project progress with ERP systems to identify missing invoices or misaligned reports from the field. Simplify project reconciliation with work performed vs. work cost status to proactively identify project cost and productivity discrepancies.

### Resolve Planned Quantities

View planned vs. actual quantities to compare and reconcile accounting quantities reported. Calculate planned vs. actual progress at the activity or project level. Calculate estimated quantities based on costs incurred.

### Report Earned Value

Quantities, materials, man-hours, equipment hours, and percent complete calculate estimated actual costs. Earned value results from work performed from duration of effort, producing an estimated earn cost to compare to actuals.

### Collect Timesheets

Leverage field data collection to receive man-hours, equipment hours, progress quantities, actual costs, and notes. Timesheets can be collected through HD timesheets or outside systems including ERP, Excel, or timekeeping systems via HD's API.

On top of quantitative data, timesheets can record notes for each activity including assumptions and jobsite observations. Increase communication and enable field operators to prevent staging and other issues.

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



# HD Project Cost Management

## 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

