

In today’s world of fast-moving projects, it is critical that each day’s work moves forward as planned. In addition, managers and superintendents require constant visibility into actual jobsite progress in order to quickly identify and resolve issues as they occur. Without this insight, key tasks may be missed and cause delays that could impact overall project performance and potential profit.

Meanwhile, at the jobsite, foremen need a quick and easy way to receive their scheduled daily tasks and record actual crew hours and quantities performed. Above all, the project team needs to compare actual hours and quantities against the estimated plan to truly understand what was accomplished versus what should have been accomplished. Without this alignment and focus, achieving planned jobsite productivity could be at risk.

The HD Field Solution delivers project execution alignment and visibility by connecting jobsite labor and equipment actuals to the InEight HD suite via a modern tablet interface. In fact, initial case studies show a savings of 10 minutes per time sheet over manual paper processes.

### HD Field Mobile

Foremen use HD Field Mobile on their favorite tablet to review and modify plans assigned to them, and then record actual equipment and labor hours and quantities completed. This helps them to quickly understand what they were supposed to do today, what they actually did, and what they will be required to do tomorrow.

### HD Field Manager

Superintendents and project engineers use HD Field Manager to assign crews and equipment to specific foremen for any number of tasks to be completed in the field. Once the work is executed, managers can review and approve jobsite actuals.



## Unified Solution to Capture Daily Jobsite Activity

### HD Performance

1 Estimators and project planners create the WBS structure and budget for the project.

### HD Field Manager

2 Project engineers create crew plans by assigning Foremen, employees, and equipment to tasks, validating expected results against the budget.

### HD Field Mobile

3 Foreman receive their daily crew plan and make adjustments if necessary based on jobsite conditions and resource availability.

6 Results are imported into the ERP system to drive payroll. Project managers can update their projects with the latest as-build hours and quantities to get updated earned values.

5 Project engineers and company managers review and approve the executed crew plans submitted from the field.

4 At the end of the shift (or throughout the day), foremen record quantities completed, hours worked and notes then submit for approval.

## HD Field Mobile

With support for Android, Apple and Windows tablets, HD Field Mobile enables foremen to easily see their daily assigned tasks and then record actual quantities and hours as work progresses throughout the day. Instant synchronization means that managers in the field office always have the latest details from the jobsite, providing them with the visibility they need to quickly identify issues and take corrective action. Offline mode enables actuals to be collected during the day and then batch uploaded once network connectivity becomes available.

### Key Features

- Record actual hours of all crew members by cost code or work task
- Record equipment usage by cost code or work task
- Record quantities completed by cost code or work task
- Add new tasks or modify existing tasks
- Offline mode enables field data collection at disconnected jobsites



← Gather daily labor and equipment hours for the entire crew

→ Compare actual performance against plan

The screenshot shows a summary table with columns for 'Task ID/Task Description', 'Plan UNDRS/RS', 'Actual UNDRS/RS', 'MHRs per Unit', and 'Budget MHRs GL'. The table lists two tasks: '10776 1964 SYSTEM WEDGE COR. BRUF' and '10776 1960 CORP SYSTEMWIDE LATERAL'. The 'Total Daily MHRs/MHR Gain/Loss' is shown as 54, 58, and 8.

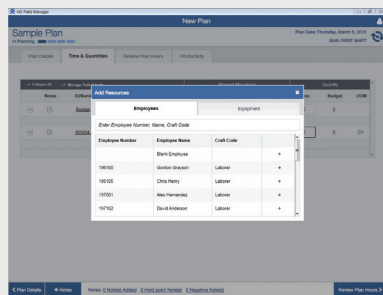
Task ID/Task Description	Plan UNDRS/RS	Actual UNDRS/RS	MHRs per Unit	Budget MHRs GL
10776 1964 SYSTEM WEDGE COR. BRUF	480 LF / 27	220 LF / 20.5	0.133 0.181 0.181	11.0
10776 1960 CORP SYSTEMWIDE LATERAL	50 LF / 27	50 LF / 27.5	-0.364 -0.540 0.333	-0.30
<b>Total Daily MHRs/MHR Gain/Loss</b>	<b>54</b>	<b>58</b>		<b>8</b>

## HD Field Manager

Superintendents and project engineers use HD Field Manager to assign foremen, employees and equipment to specific tasks for execution in the field. Crew plans submitted from the field can then be reviewed and approved by managers.

### Key Features

- Create a crew plan for a specific shift
- Easily review planned work
- Easily review submitted and completed plans
- Modify and approve completed plans



← Assign resources to daily work efforts

