# Primavera P6 Integration with the HD Suite

Across the project lifecycle, managers rely on a variety of software systems to provide insight into project cost, time and scope. These systems must be linked together for a complete view of project performance. Without connected systems, companies face inefficiency, errors, and misalignment between project stakeholders that increase the risk of surprises that could lead to schedule delays and cost overruns.

InEight offers a tight, bi-directional link between HD estimating and control solutions and the Oracle Primavera P6 scheduling system. Built and refined based on customer feedback, this sophisticated interface ensures efficiency and accuracy from initial estimation through project execution.

> "It [Estimating] seems to have been written by estimators, for estimators not programmers for estimators. So they know what we're trying to achieve."
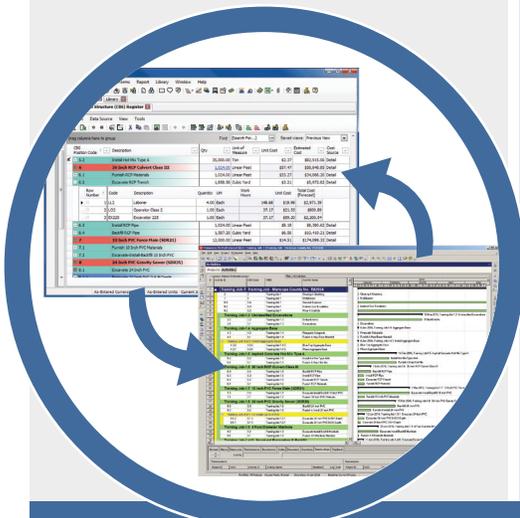>
> *- Mike Albani,*
> *Estimating Manager, Aecon*

## Simple Connection Flow

- **Project Initiation** - Once an estimate is developed in HD Estimating, the integration creates a resource-loaded schedule in P6. This saves time and effort and ensures alignment of project scope.

- **Project Execution** – As the project progresses, the close link between HD Performance and P6 synchronizes both systems. This provides managers with consistent visibility into project performance.

## Overview

- Real-time integration enables a single change to automatically update both budget and schedule

- Easy one-click, real-time alignment between HD and P6

- No more manual copying and pasting between systems

- Easily keep the work plan, budget and schedule linked when things inevitably change

- Run "what if" scenarios across budget and schedule to more easily evaluate their potential impact

- Streamline analysis of cash flow, earned value and resource utilization with flexible built-in tools and graphical output

## Project Initiation

- Create cost and resource-loaded P6 schedules quickly and easily

- Create and maintain tasks in the estimate that do not appear in the schedule

- Create and maintain tasks in the schedule that are not linked with the estimate

- Automatically create P6 activities loaded with estimated costs and durations from the estimate

- Select which cost items from HD Estimating to include as P6 schedule activities

- Summarize multiple HD cost items into single schedule activities

- Drive schedule durations from estimated durations in HD, including productivity-based durations

- Drive schedule durations from "plug" durations in HD, enabling schedules to show different durations than assumed in the budget

## Project Execution

- Keep the work plan, budget, and schedule aligned when things change

- Automatically update P6 activity IDs, descriptions, durations, resources and costs when changes are made in HD

- Update durations, start dates, and finish dates in HD when changes occur in the schedule

- Launch the linked schedule from within HD with a single click

- Control what information gets passed between HD and the schedule on a project-by-project basis

- Change production rates or crew configurations in HD and view the resulting impact in the schedule

- Modify shift arrangements in HD and instantly see the impact on the schedule

- Update quantities in HD and review the new values in the schedule

- Change durations in the schedule (e.g., drag bars to make them longer or shorter) and instantly determine the HD production rates required to achieve the new scheduled duration

- Streamline analysis of cash flow, earned value, and resource utilization

- Simplify earned value analysis and reporting in both P6 and HD

- Produce detailed cash flow graphs with the ability to control cost and revenue curves, finance expense, and payment timing

- Create detailed resource utilization graphs showing resource usage and cost over time for individual resources or resource types

- Export cash flow and resource utilization data to Excel with a single click