

Capital Project Progressing System

CAPPS: CAPITAL PROJECTS PROGRESSING SYSTEM

Get frequent P6 updates from your extended project team. P6 updating made easy, even non-P6 users will love it.

THE CHALLENGE

When running multiple projects or large and complex projects, it is difficult to identify all of the tasks required to ensure that each task is distinct enough to be easily managed without creating huge cumbersome schedules. For example, one engineering design activity may have several analysis items or numerous drawings in the package that need to go through many design iterations before being fully approved. Similarly, procurement tracking through all the deliverable milestones could take thousands of activities to track in detail, which would be very difficult for the schedulers to update and manage in a timely manner.

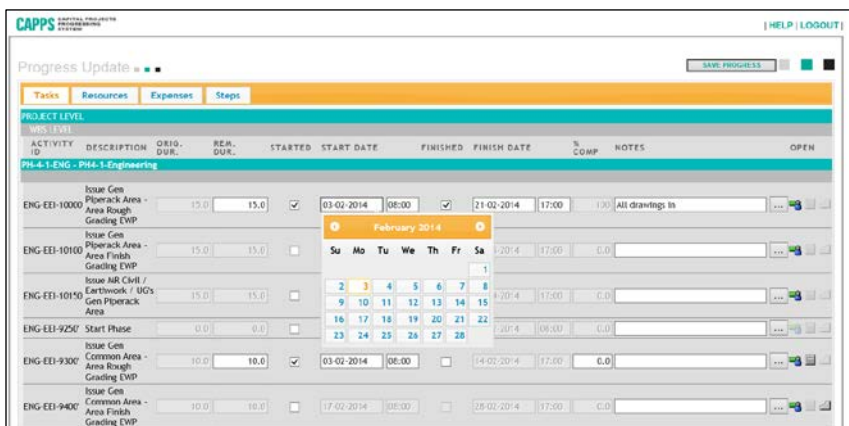
Another challenge for the project management team is getting responsible stakeholders and key project contributors, sometimes spread around the world, to provide frequent, accurate and detailed progress and effort on engineering, procurement, specialty manufacturing and construction tasks.

Schedulers often resort to summarizing the work from several subtasks or checklist items into one high-level task to keep the number of P6 activities more manageable. Alternatively, they use steps in P6 to keep the number of tasks reasonable, however updating steps can be time consuming and difficult to communicate with the extended team. This summarization may make the schedule "easier" to manage, but it makes accurate effort driven progressing more difficult.

The people closest to the activity and step details are often totally removed from the scheduling process, resulting in major efforts to chase down schedule progress. Getting accurate resource usage and costs to date for earned value analysis is also very difficult without integrations to accounting. As a result, scheduling teams take their best guess on the activity's progress rather than establishing effective methods for proper project collaboration and accurate, timely information gathering.

THE SOLUTION

CAPPS is a secure, role-based updating tool that allows the extended team controlled, filtered access to P6 activities, steps, resources, expenses and notes. Updating takes place through a secure web-based interface that enables project parties to easily update project tasks they are responsible for.



ACTIVITY ID	DESCRIPTION	ORIG. DUR.	RES. DUR.	STARTED	START DATE	FINISHED	FINISH DATE	% COMP	NOTES	OPEN	
PH-4-1-ENG - P64-1-Engineering	Issue Gen Piperack Area - Area Rough Grading CWP	15.0	15.0	<input checked="" type="checkbox"/>	03-02-2014	08:00	<input checked="" type="checkbox"/>	21-02-2014	17:00	100	All drawings is
ENG-EE-10000	Issue Gen Piperack Area - Area Finish Grading CWP	15.0	15.0	<input type="checkbox"/>			2-10-14	17:00	0.0		
ENG-EE-10100	Issue Gen Piperack Area - Area Finish Grading CWP	15.0	15.0	<input type="checkbox"/>			2-10-14	17:00	0.0		
ENG-EE-10150	Issue M/Civil / Earthwork / UO's Gen Piperack Area	15.0	15.0	<input type="checkbox"/>			2-10-14	17:00	0.0		
ENG-EE-9250	Start Phase	0.0	0.0	<input type="checkbox"/>			2-10-14	08:00	0.0		
ENG-EE-9300	Issue Gen Common Area - Area Rough Grading CWP	10.0	10.0	<input checked="" type="checkbox"/>	03-02-2014	08:00	<input type="checkbox"/>	14-02-2014	17:00	0.0	
ENG-EE-9400	Issue Gen Common Area - Area Finish Grading CWP	10.0	10.0	<input type="checkbox"/>	17-02-2014	08:00	<input type="checkbox"/>	28-02-2014	17:00	0.0	

Easy tabular grid for updating

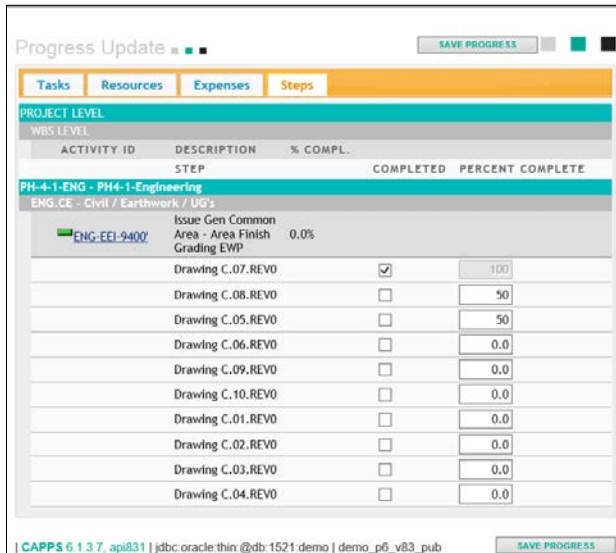
A simple reporting/filtering window allows the administrator to define the updating responsibility and frequency. Active tasks from one or many projects are then available to each of the responsible team members assigned to progress their work.

TECHNICAL SPECS

- Clients: IE/ Firefox/ Chrome/ Safari, iOS, Android
- Runs on any server where Java 7 can run (Linux, Unix, Windows 2000 or newer, Sun Solaris)
- Requires a JRE environment version 7 or newer
- Runs on Weblogic, Tomcat or other standard Java application servers
- 1 GB RAM
- 1 GB free disk space
- Primavera API Compatible Database (EPPM or PPM)

CAPPS uses a P6 API license to securely collect and update P6 data from any project contributor, whether it is from engineering, procurement, finance, or construction. These updates can also come from any location in the world using a computer, tablet, or telephone.

CAPPS provides the updater with a simple to use update template for entering progress either at the step, task or resource/expense level. Once the status information has been entered into the update form, the "Save Progress" button automatically updates the activities in the P6 project schedule or into a reflection project if the scheduler prefers to pre-verify the update information.



Simple update template for entering progress

THE BENEFIT

The CAPPS tool allows the project team to leverage P6 functionality for true earned value reporting. This includes using weighted activity steps for physical percent complete progressing by the responsible leaders. It also allows the construction team to provide daily cost estimates and engineering to report on resource usage and forecast estimates at completion. It also allows the scheduling team to develop more detailed schedules that the extended team will be directly involved in statusing. This level of detail and accuracy allows the business to schedule, manage and forecast their projects better and develop more effective KPI (Key Performance Indicators) reporting. Our clients also use CAPPS to automate monthly progress claim reporting and invoice verification.

PRODUCT HIGHLIGHTS

- Web-based solution with user-friendly interface
- Updates entered by the person responsible for performing the work
- More frequent updates and less time gathering information
- More time spent on analysis rather than data entry
- No Oracle Primavera P6 training required
- Deploy with or without P6 pre-approval component

- Implementation
- Automation
- Integration
- Training
- Risk Analysis
- Dashboards
- Turnaround Assistance
- Engineered Hardware

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