Are you spending too much time getting status updates into your P6 schedule, leaving no time to analyze the results?

TURNAROUND PROGRESSING SYSTEM TAPS

TAPS v9 – Fast Primavera P6 Barcode Updating

THE CHALLENGE

Shutdowns, Turnarounds and outages are expensive, time sensitive and high profile projects that must be executed with military precision to ensure that the plant is up and productive when promised. Shift schedule updates, work forecasts and productivity analyses are done daily or per shift to ensure crews are on track and give management reliable information about key turnover deadlines and plant startup dates.

Updating hundreds or thousands of activities individually at the end of each shift is a big roadblock to getting updates completed and ensuring the next shift is productively deployed where they are needed most. The entire scheduling team typically spends the bulk of the update window frantically entering status updates, adding found work, removing cancelled work, reworking logic and rearranging priorities. Trying to cope with the deluge of status information leaves little to no time for analyzing and optimizing the schedule to ensure that proper prioritization, resource efficiencies, and cost savings are maximized.

THE SOLUTION

With TAPS®, instead of searching for one activity among thousands and then manually updating the start, finish, percent complete, actual hours, and remaining duration (hours), the scheduler simply uses a barcode scanner to find, start and update any activity within the schedule with two fast scans:

1. The first scan finds the activity in Primavera P6.

2. The second scan starts, finishes, and statuses the activity based on the reported progress. The second scan can even remove cancelled scope in one step.

After all the activities have been scanned, the data can be reviewed and edited or re-scanned as-needed before saving into P6. Out-of-Sequence work can also be tracked down and fixed on the spot.

TAPS allows for many different updating types – including duration, physical, and unit percent updating – for flexibility in modeling your business processes. It even calculates earned value, CPI and SPI at the resource level allowing you to store and report on it daily.

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THE BENEFITS

Schedule updates that previously took a lot of time-consuming and stressful man-hours are completed in minutes and with more accuracy. TAPS cuts your shift statusing time and increases your accuracy by up to 75%. Less expensive resources can take on the updating tasks, and crew leads/foremen can do their own updates with ease before the status meetings. This gives your experienced P6 schedulers time to analyze any delays and productivity issues that occurred during the shift, re-work any sequencing as-needed, and level the schedule to optimize the crews for the upcoming shift. Shift reports will be issued on time and be more accurate and easier to follow.

EASY, FLEXIBLE & SECURE

- Web based, easy to learn and use
- On-premise, cloud or SaaS enabled
- HTML5 & Mobile device enabled
- P6 API/WebServices honors P6 security

SAVES TIME

- 75% faster status updates while increasing accuracy
- Shift reports completed on time with less stress
- Removes cancelled work automatically
- Highlights out-of-sequence tasks

SAVES MONEY

- Updates by admin team
- Allows more time for analysis and critical path compression

CUSTOMER COMMENTS

"We have used this system for progressing Primavera scheduled activities for 3 turnarounds now and I and everyone who has used it for updating are most favorably impressed with the speed and accuracy achieved. What used to take an experienced user 1 ½ hours to 2 hours to update manually now can be done in ½ an hour to ¾ of an hour and can be done accurately by a less experienced user."

Lead TA and Construction Scheduler, Suncor Energy

WHAT'S NEW – V9

- Better highlighting of updated data
- All percent complete types in P6
- Calculate Earned Value at the resource assignment level using duration percent complete or physical percent complete – making EV reporting more accurate
- Mobile device and cloud enabled

TECHNICAL SPECS (ON-PREMISE)

- IE 9 or newer/ Firefox/ Chrome/ Safari/ Edge
- An industry standard barcode scanner (such as Symbol 3408)
- No client JRE is required – TAPS is now a pure web application

Server

- 1 GB RAM
- 5 GB free disk space
- Primavera API or Web Services
- Windows 2003 or newer or Linux
- No server JRE is required – TAPS installs as a native Linux or Windows application.

CERTIFICATIONS

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