From Schedule Compliance to Schedule Reliability: Integrating Short-Interval Planning with the Integrated Master Schedule

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Garrett E Harley
Director Product Marketing
Oracle Construction & Engineering

Speaker

Project Controls Engineer – Bechtel
Solution Consultant – Primavera Systems
Director E&C Industry Strategy – Oracle Primavera
VP North America Building Sector – Aconex
VP Industry Strategy & Innovation – E&C Startup
25+ years in Engineering & Construction Tech



Garrett Harley

Director Product Marketing, Oracle Construction & Engineering

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OPC – It’s NOT P6 (what do you really need to know)

1. The Magic of One Unified Plan

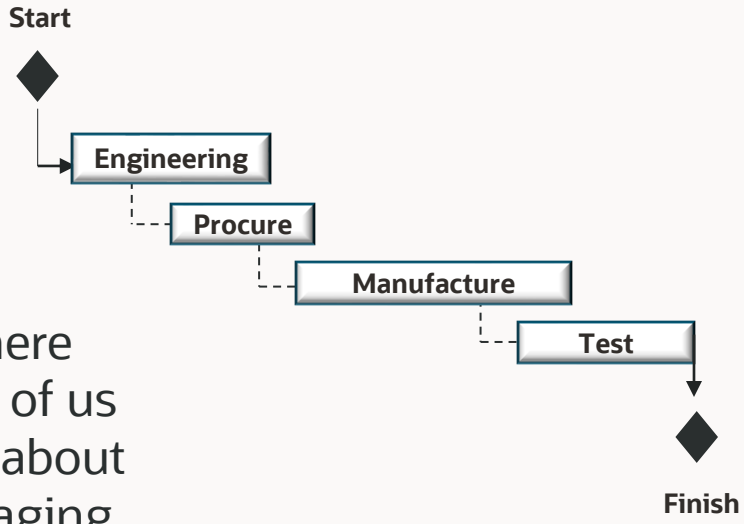
2. All Projects & All Users Matter

3. It’s More Than Just Planning & Scheduling

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1. The Magic of One Unified Plan

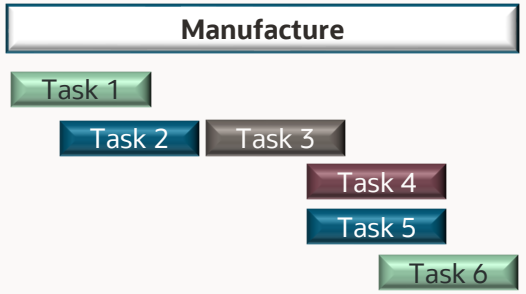
OPC structurally connects the CPM contract master schedule with the product teams task management details



Where most of us think about managing Compliance

Activity Master Schedule

Where most of us know the Reliability really exists

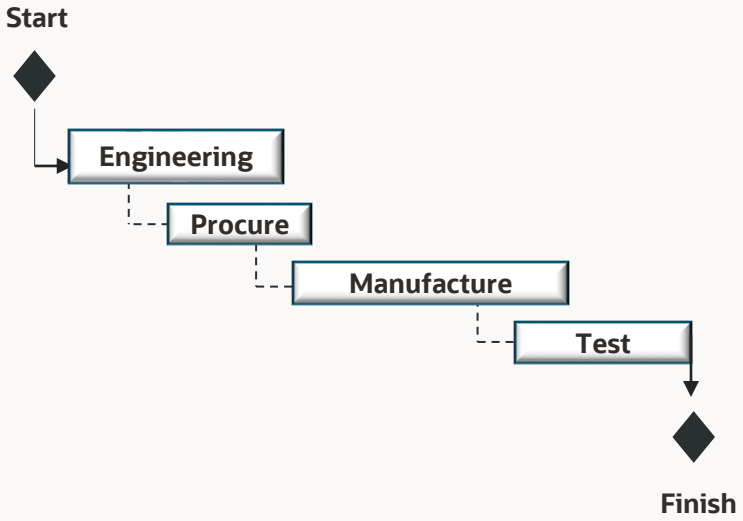


Task Production Schedule

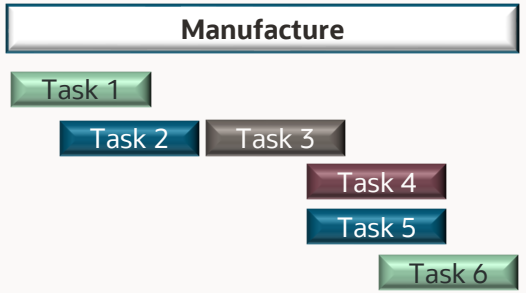
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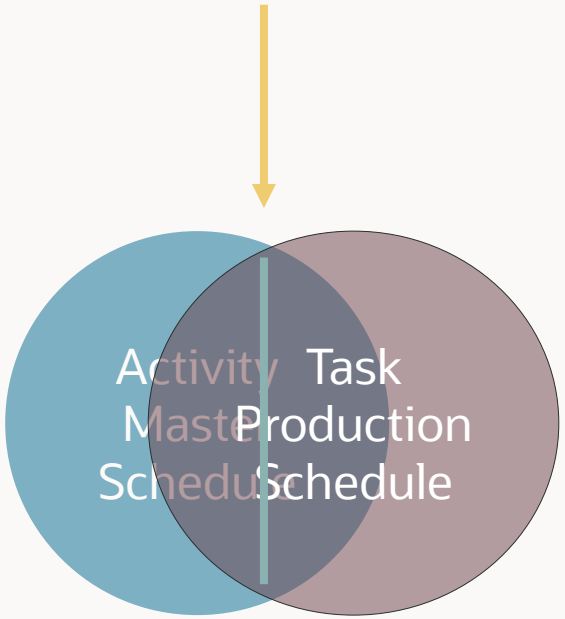
1. The Magic of One Unified Plan

OPC structurally connects the CPM contract master schedule with the product teams task management details



Beware of those who say…"sure, we have an API", or "sure, we can integrate with Primavera"

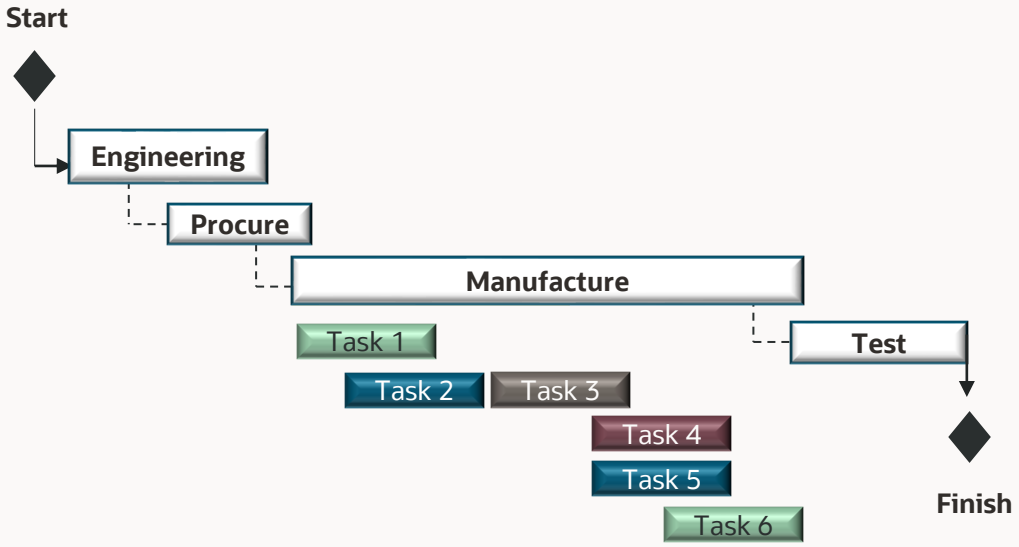




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1. The Magic of One Unified Plan

The industries answer to truly connected IMS and IPT planning and scheduling



A “Best of Both” approach where the *Reliability* details are structurally informing the *Compliance* layers

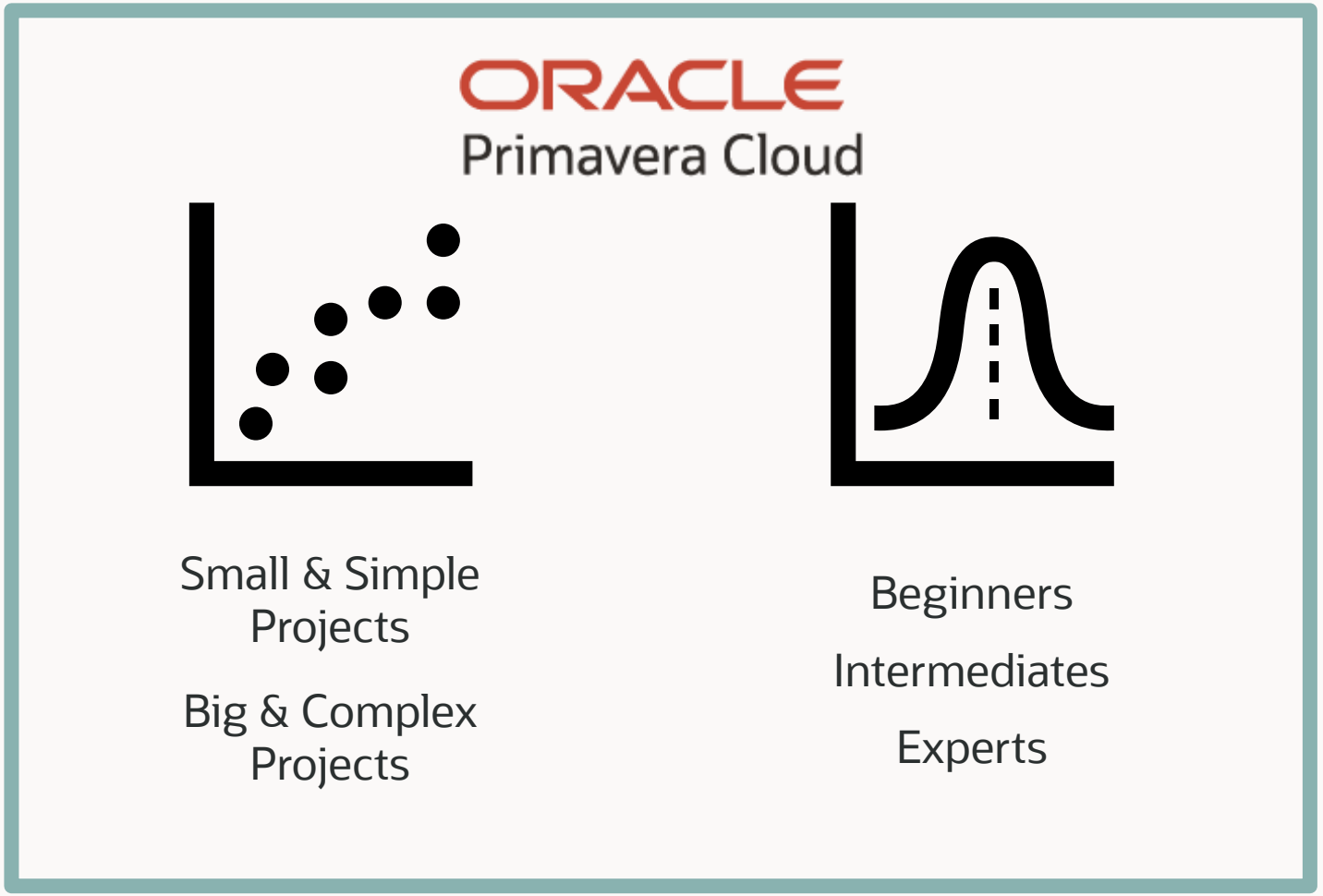
The Oracle Primavera Cloud structurally combines the IMS and the IPT Production Schedule into **1 UNIFIED PLAN**

One Planning & Scheduling Solution for ALL

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2. All Projects and All Users Matter

OPC can handle ANY size program/project and is loved by beginners and experts alike



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3. It’s more than just planning and scheduling



More value in one cart

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ORACLE
Primavera Cloud



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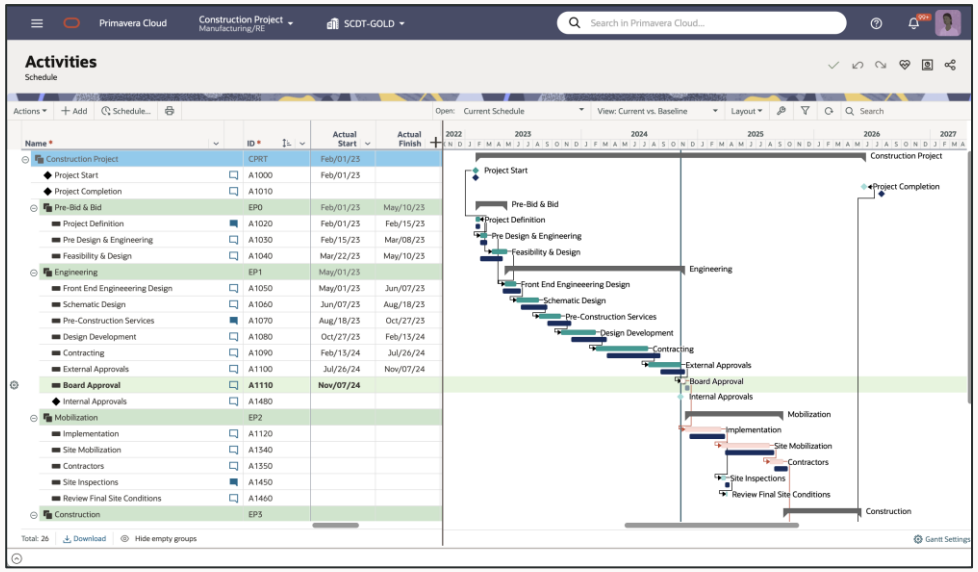


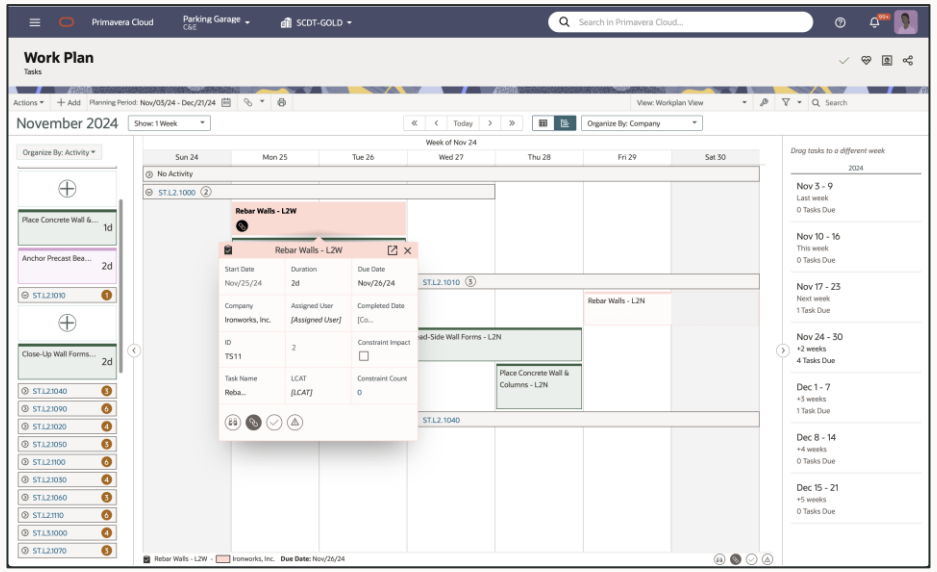
“Microsoft Project for the Web is being retired and replaced with Microsoft Planner Premium in Aug 25. Microsoft Project Online will be retired in Sept 26”

Microsoft Press Release 2025

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Challenge: Improve Master Schedule Compliance with clear line of sight into the Reliability of production team details





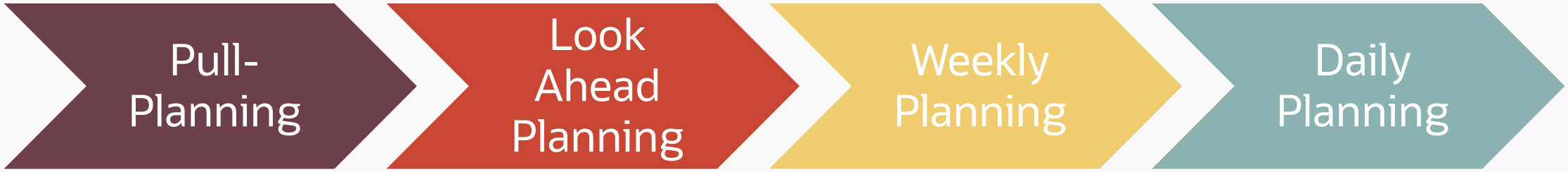
Capabilities: Structurally connect the CPM contract master schedule with the product teams task management production details

Benefits: Give office and field teams relevant and approachable planning and scheduling experiences for the way they work

Unify the office and field into “one fully integrated execution plan”

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Improving the Planning Process for Integrated Product Teams (IPT's)



- Milestones
- Tasks
- Hand-offs

- Look-ahead Plan
- Make Work Ready
- Identify Constraints

- Commitments
- Reliable plan

- Complete
- Recommit
- Reasons
- Planned Percent Complete (PPC)

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Improving the Planning Process for IPT's

Pull-Planning

- Milestones
- Tasks
- Hand-offs

Look Ahead Planning

- Look-ahead Plan
- Make Work Ready
- Identify Constraints

Weekly Planning

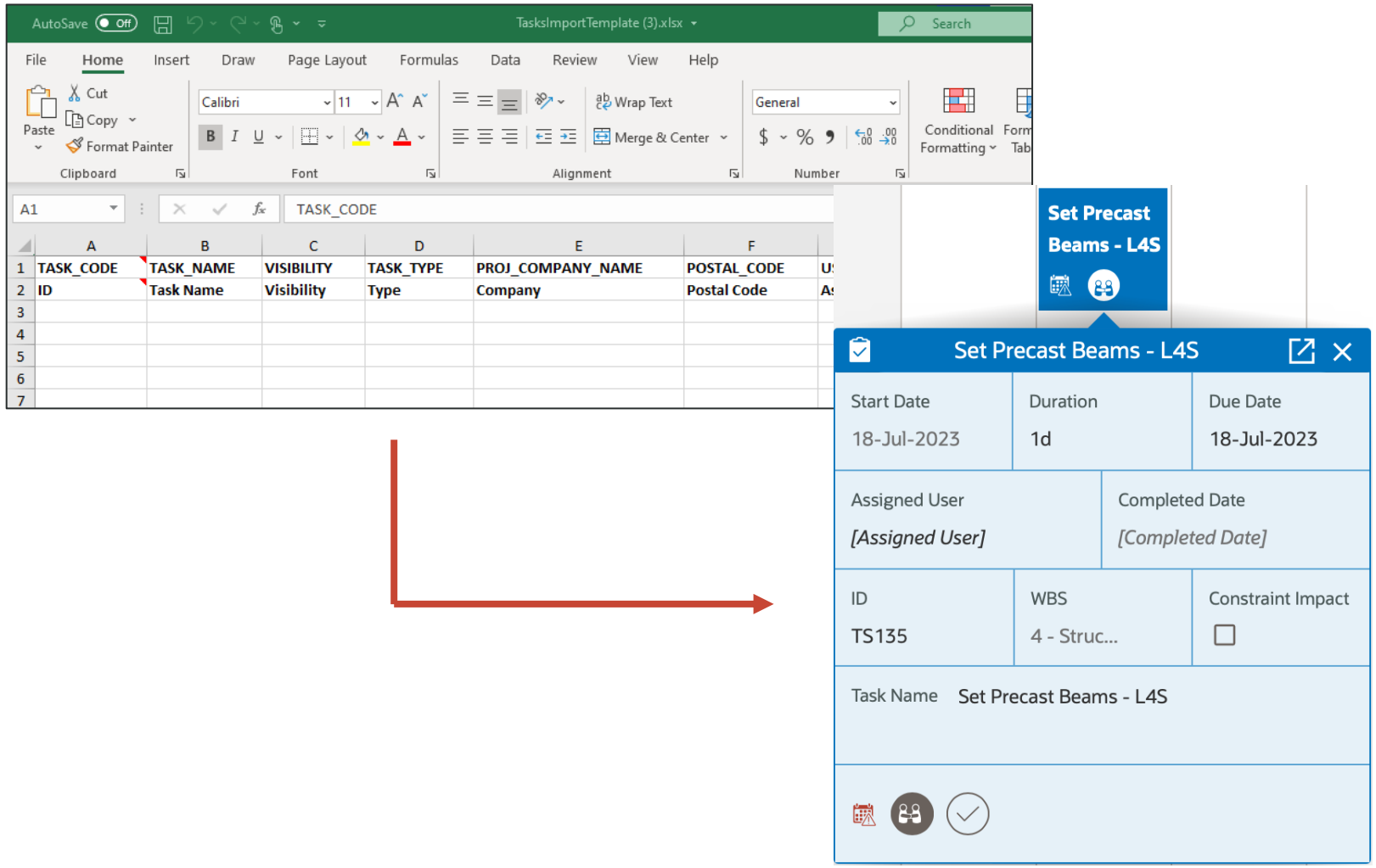
- Commitments
- Reliable plan

Daily Planning

- Complete
- Recommit
- Reasons
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Challenge: Pull Planning – Getting Tasks into the System



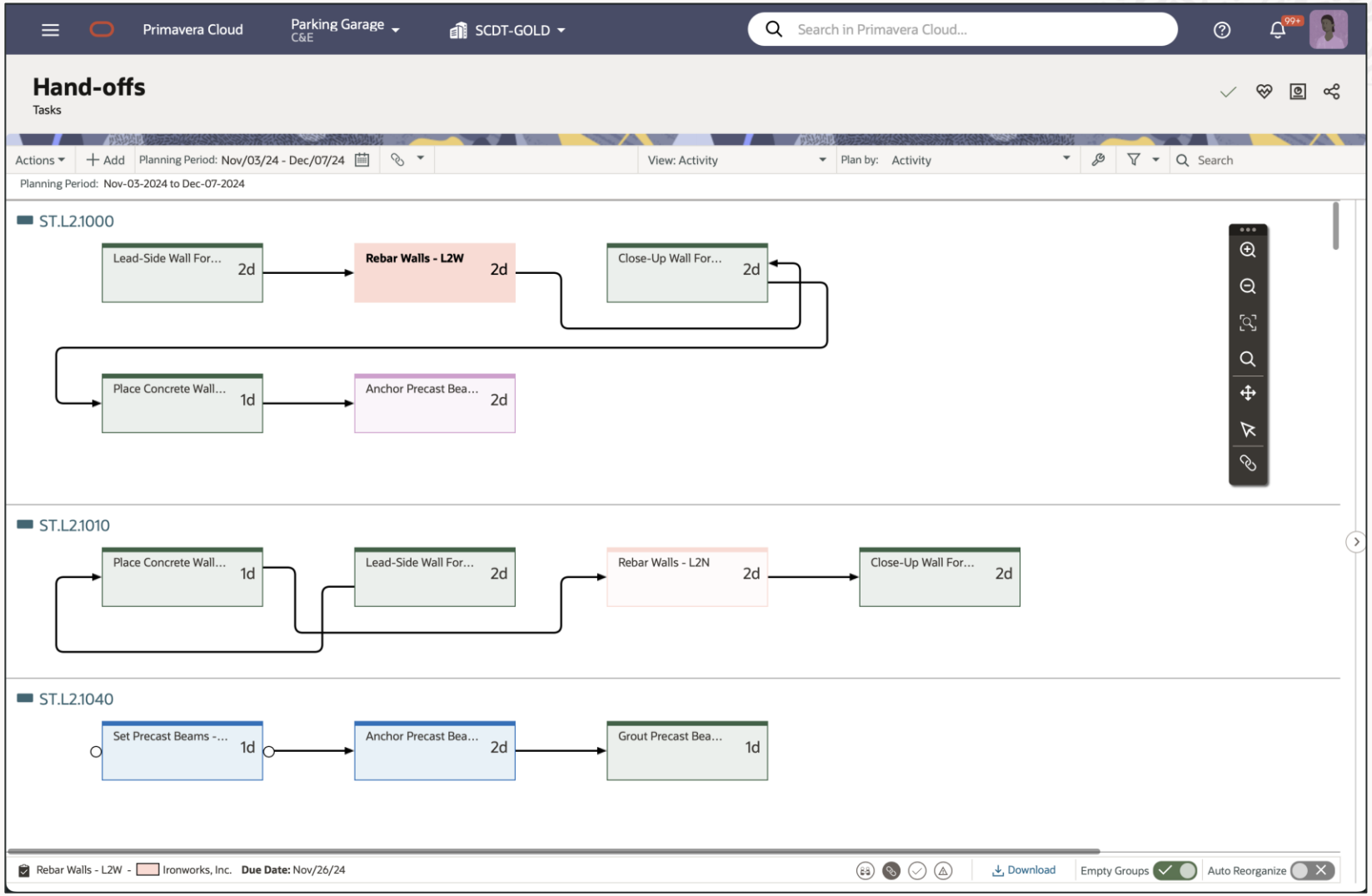
Capabilities: Pull planning teams can start on a digital planning board within Primavera Cloud or start from Excel and import tasks

- Import template
- Add tasks – sticky notes
- Copy/paste/fill down
- Tasks can also be added via mobile app

Benefits: Make it easy for tasks to get into the system

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Challenge: Pull-Planning – What should we get done?



Capabilities: A digital card wall to facilitate planning

- Color coded sticky notes
- Configurable attributes
- Create task milestones
- Create tasks
- Define hand-offs

Benefits: Co-located or non co-located teams can access a digital planning board to define what should get done

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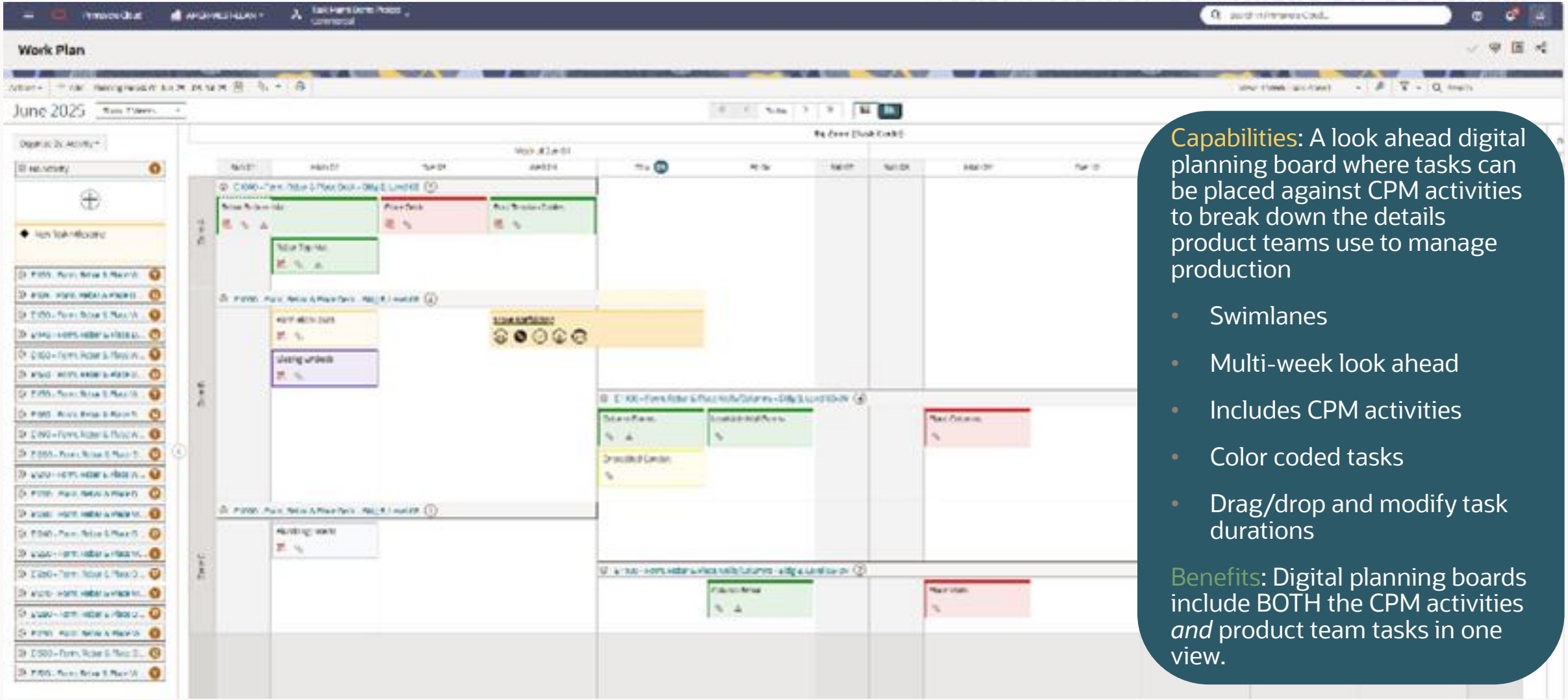
- Commitments
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Daily Planning

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Challenge: Look Ahead Planning – What can we get done?



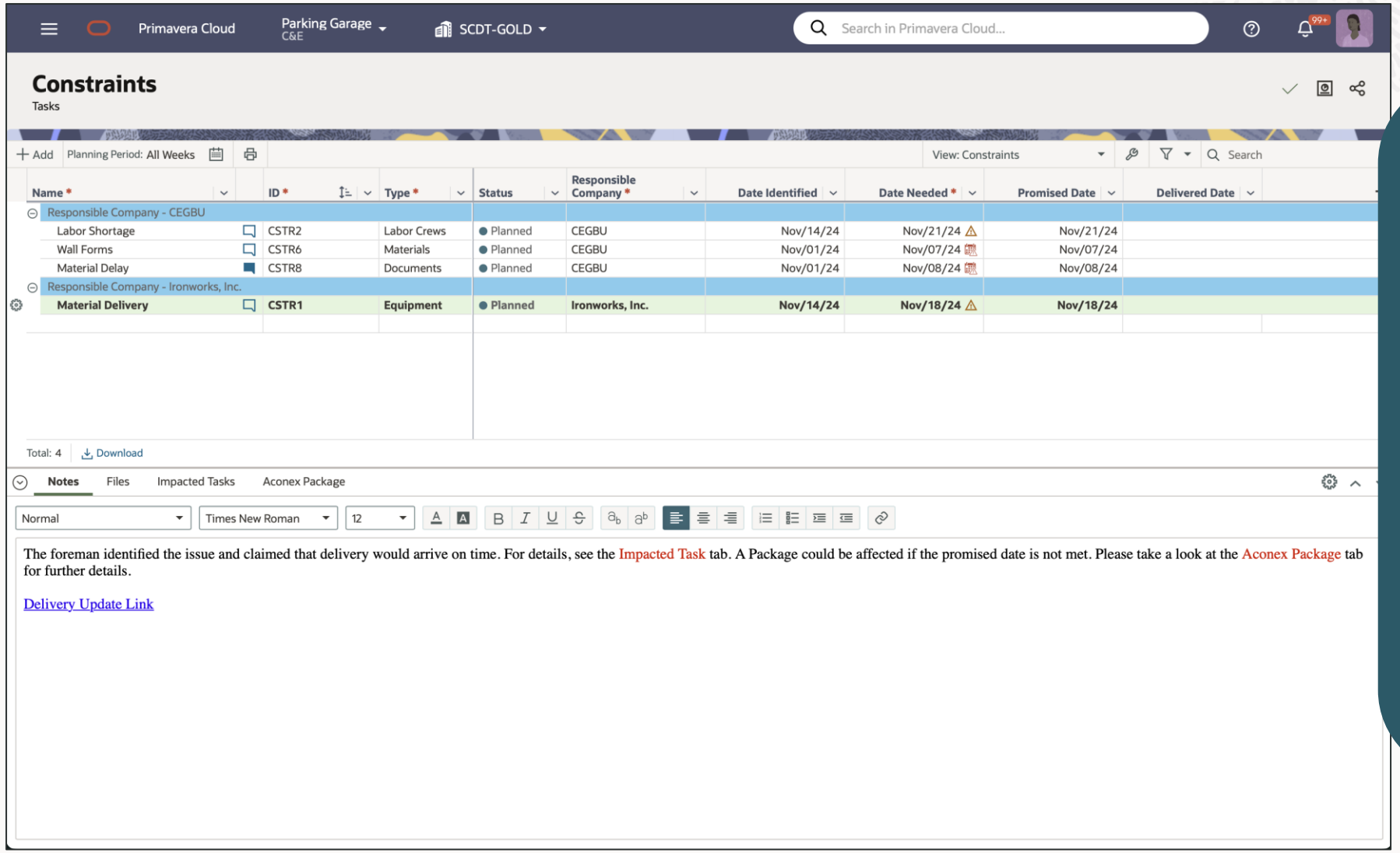
Capabilities: A look ahead digital planning board where tasks can be placed against CPM activities to break down the details product teams use to manage production

- Swimlanes
- Multi-week look ahead
- Includes CPM activities
- Color coded tasks
- Drag/drop and modify task durations

Benefits: Digital planning boards include BOTH the CPM activities *and* product team tasks in one view.

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Challenge: Look Ahead Planning – Identifying & Managing Constraints



Capabilities: Identify and manage constraints against tasks.

- Add notes
- Add files
- Associate to impacted tasks

Benefits: Identifying, managing and ultimately removing constraints is a key step in the planning process before committing tasks

Note: Tasks can be associated with Aconex work packages

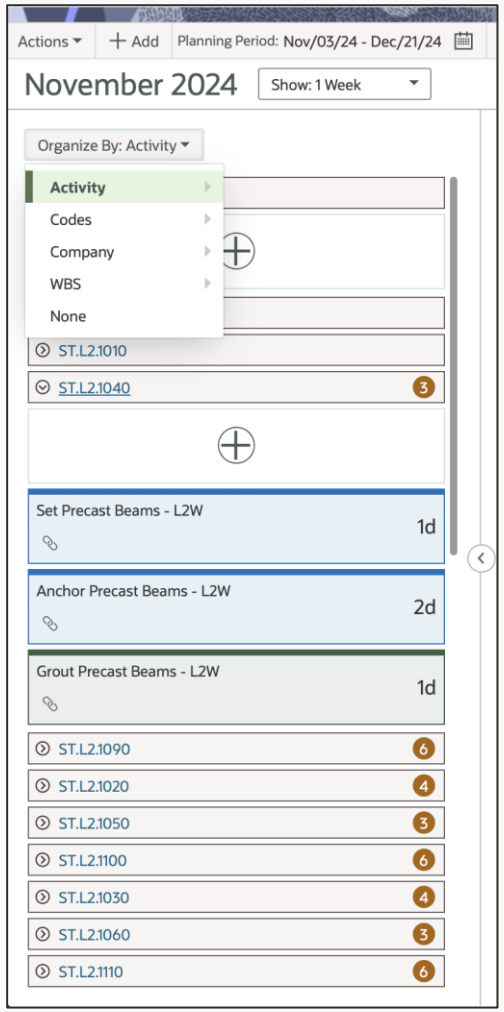
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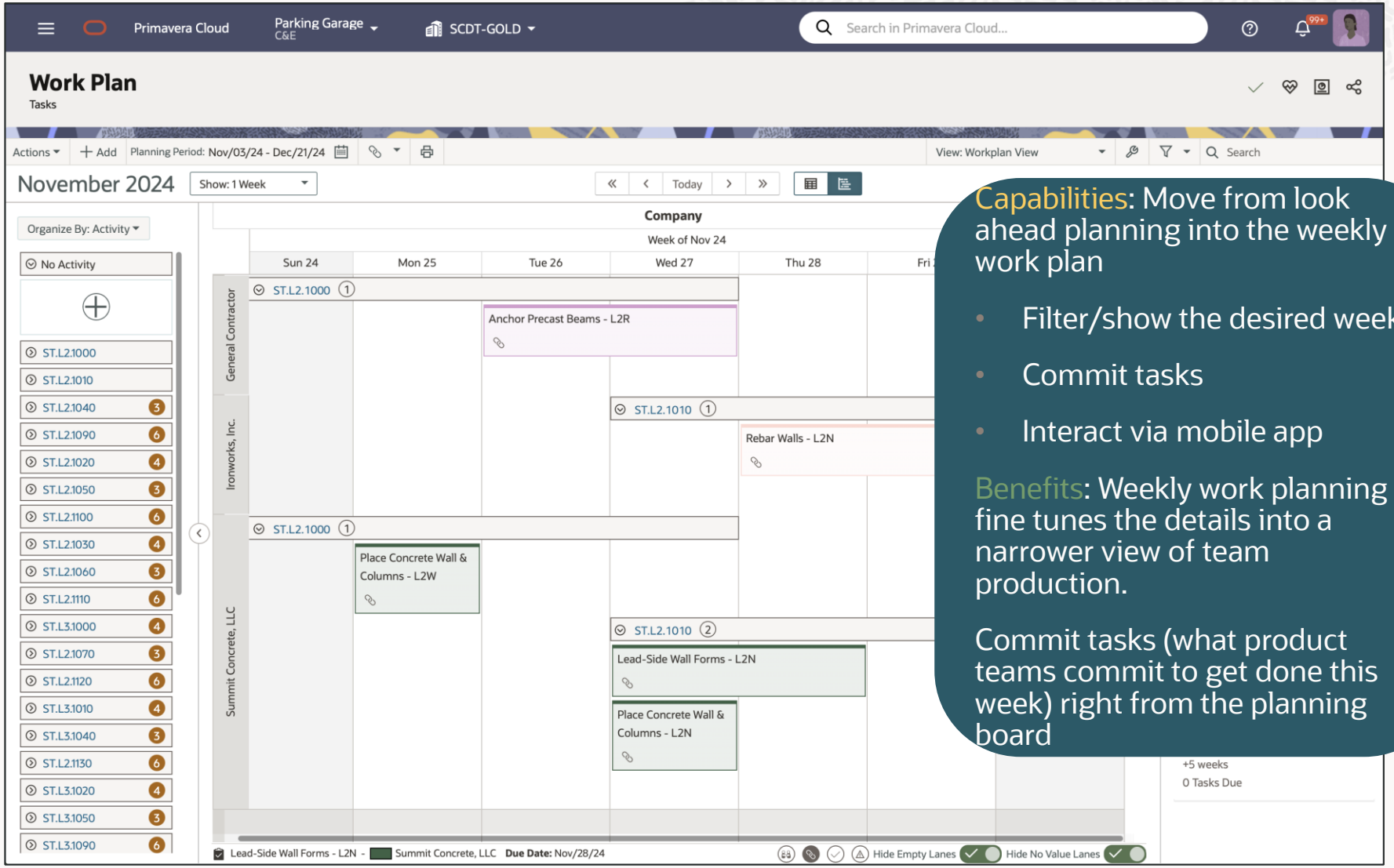
Improve the Planning Process for IPT's

Pull-Planning	Look Ahead Planning	Weekly Planning	Daily Planning
• Milestones • Tasks • Hand-offs	• Look-ahead Plan • Make Work Ready • Identify Constraints	• Commitments • Reliable plan	• Complete • Recommit • Reasons • Planned Percent Complete (PPC)

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Challenge: Weekly Work Planning – What will we get done?





Capabilities: Move from look ahead planning into the weekly work plan

- Filter/show the desired week
- Commit tasks
- Interact via mobile app

Benefits: Weekly work planning fine tunes the details into a narrower view of team production.

Commit tasks (what product teams commit to get done this week) right from the planning board

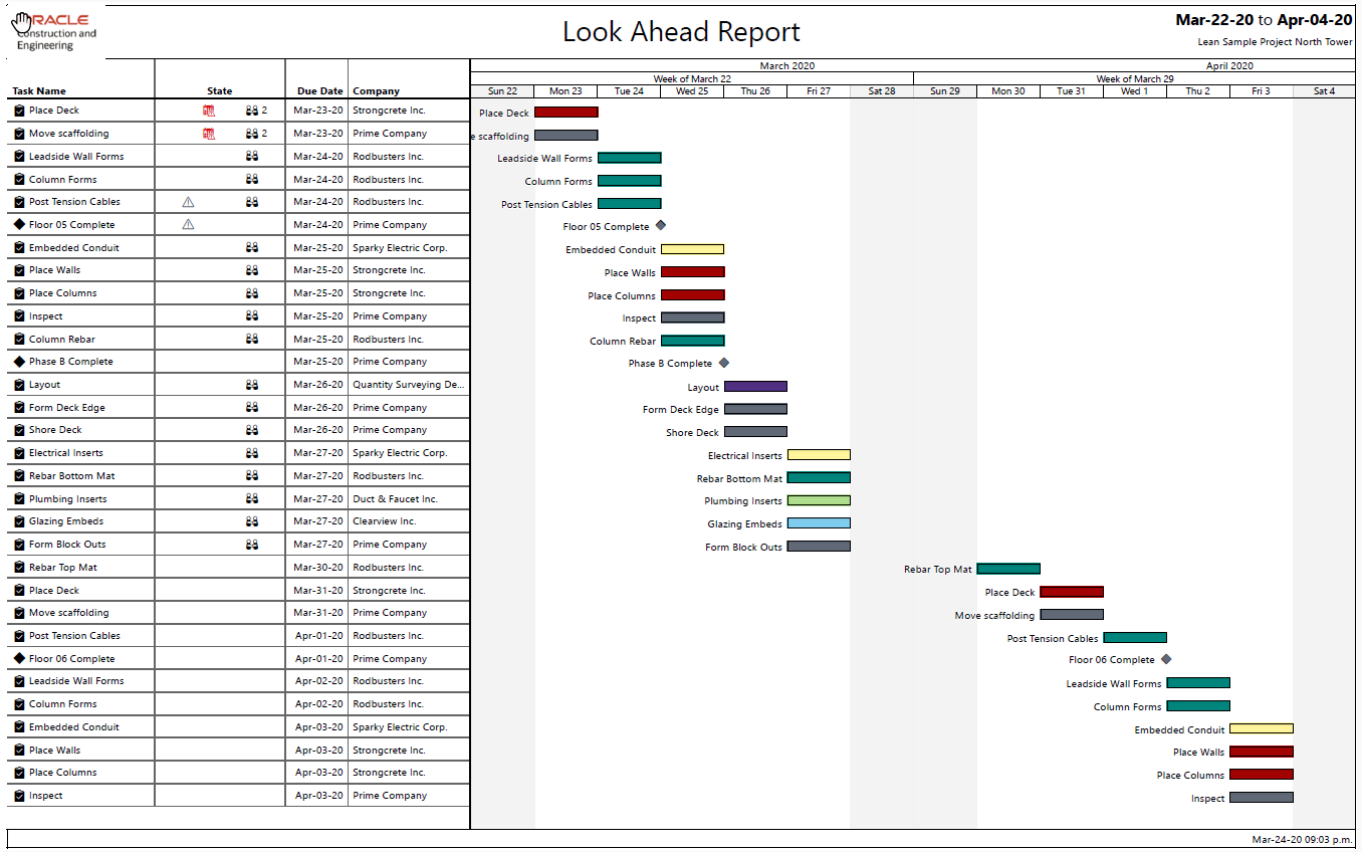
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Challenge: Distributing the Work Plan

Last Runs | Codes | Layouts | **Schedule**

+ Add Schedule...

Schedule Name	Personal Name	Schedule Type	Output Format	Status	Last Run Date	Enabled	Next Run Date
Look Ahead Report	Dave Aleman	Daily	PDF	Completed	Mar-25-20	Yes	Apr-01-20



Capabilities: Distribute the work plan to the production team

- Configurable layouts
- Available on demand
- Color coded tasks
- Look ahead reporting
- Weekly work plan also available on mobile

Benefits: teams gain a complete look ahead of the production schedule with commitment targets

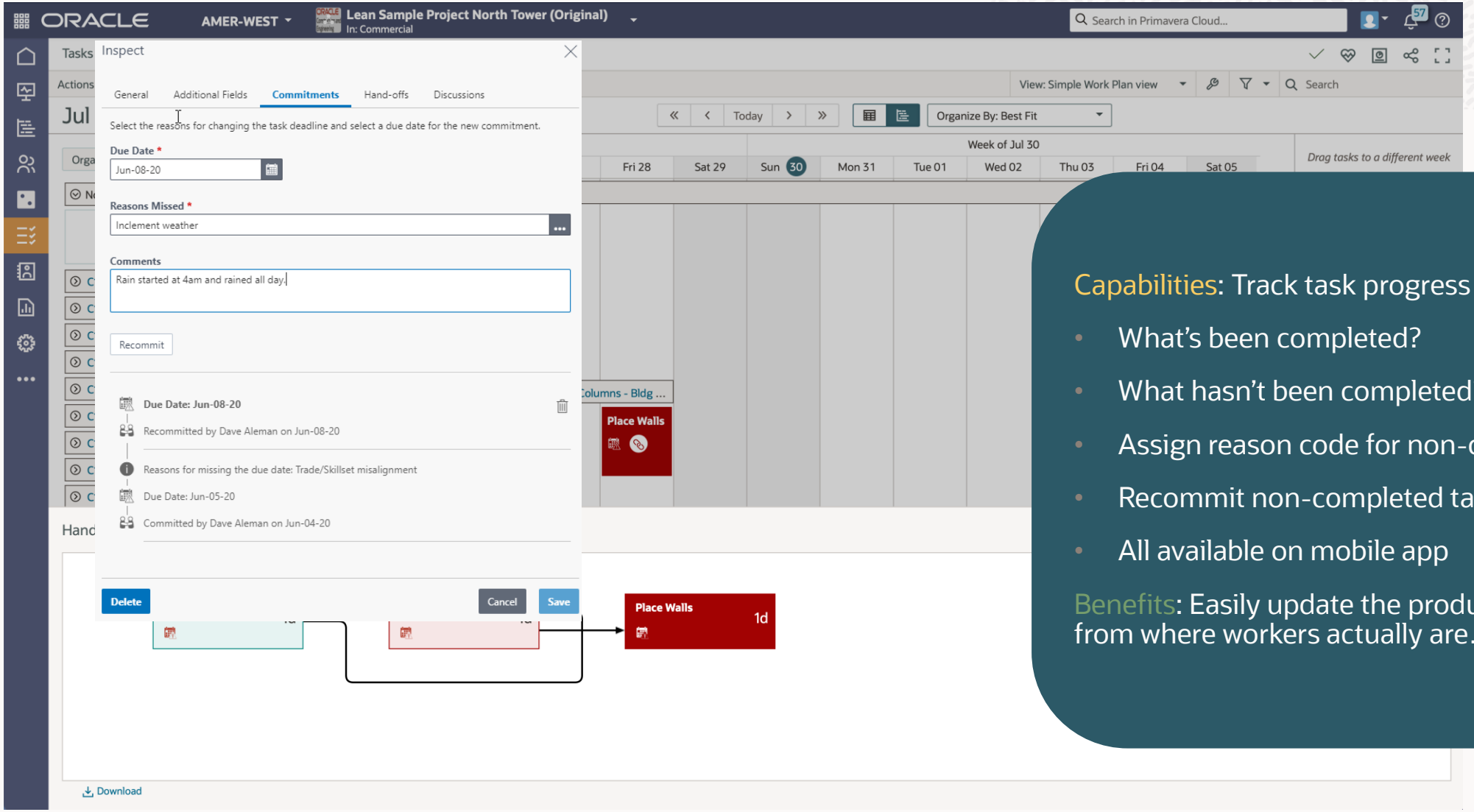
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Challenge: Daily Huddles – What is getting done?



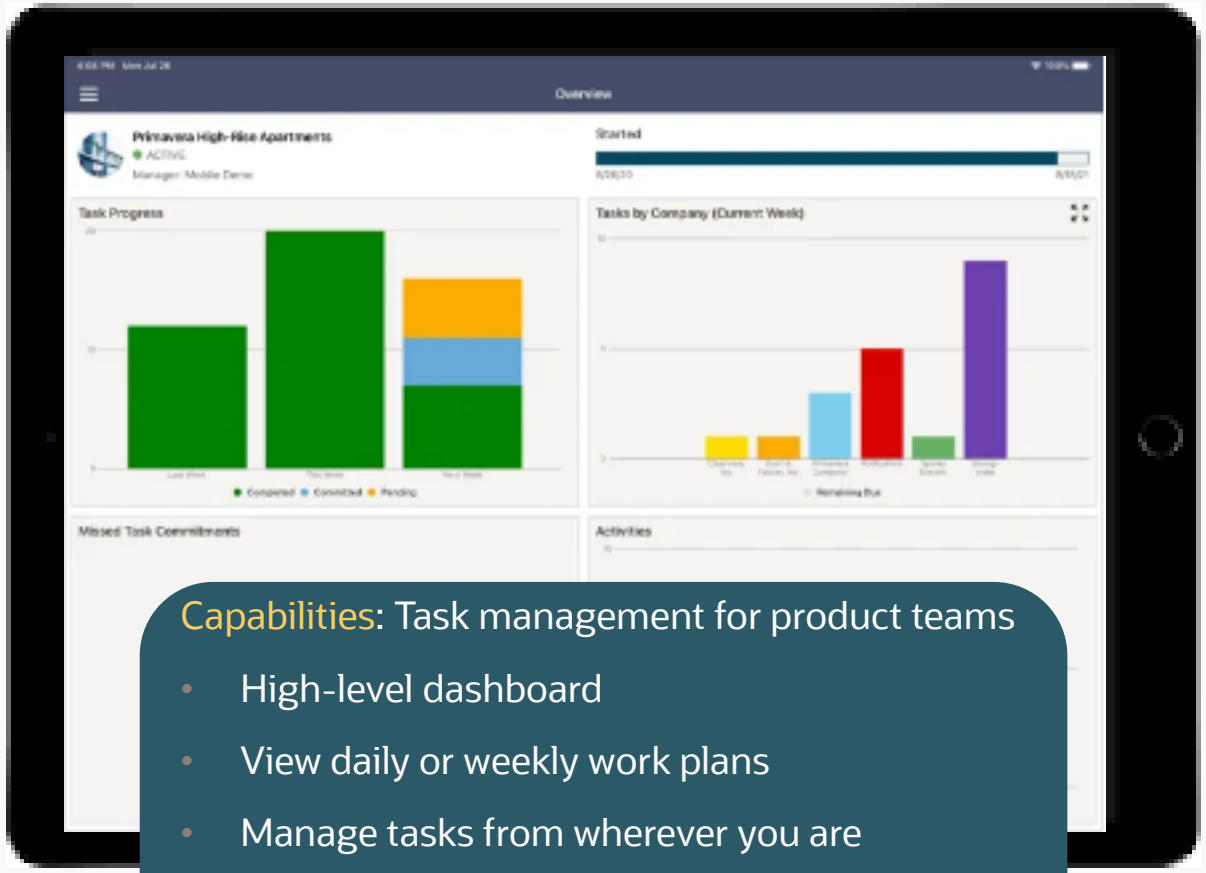
Capabilities: Track task progress

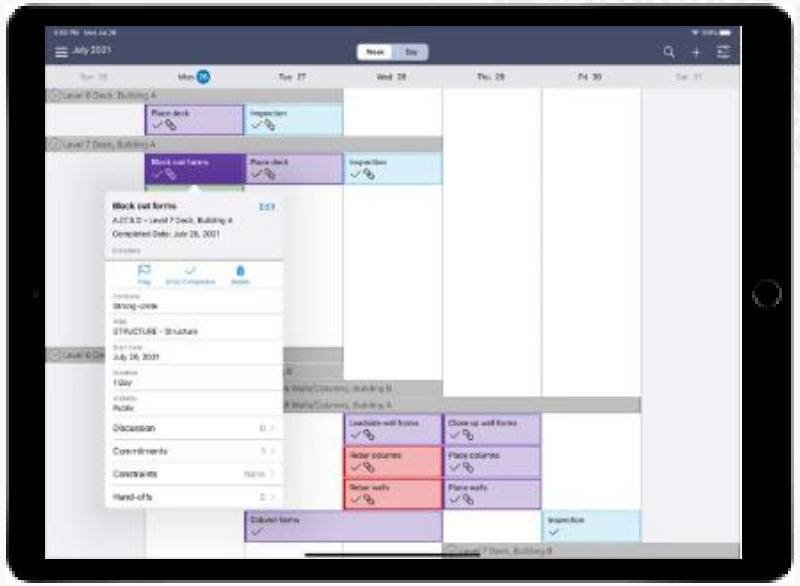
- What's been completed?
- What hasn't been completed?
- Assign reason code for non-completed tasks
- Recommit non-completed tasks
- All available on mobile app

Benefits: Easily update the production schedule from where workers actually are…the field

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Challenge: Manage Tasks Virtually via Mobile App







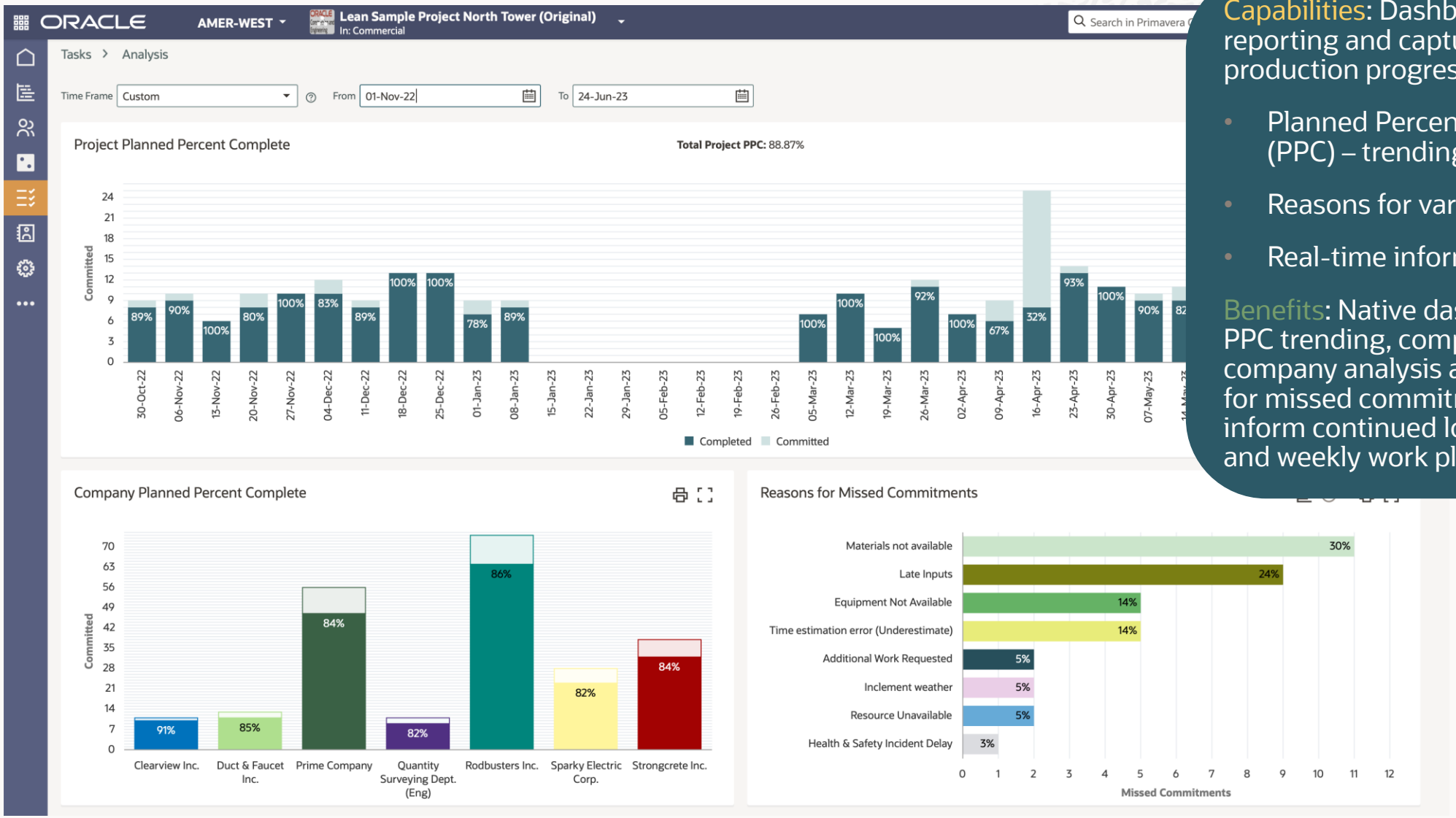
Capabilities: Task management for product teams

- High-level dashboard
- View daily or weekly work plans
- Manage tasks from wherever you are

Benefits: users are generally "in the field", our mobile app allows for product teams to keep the task work right in their pocket

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Challenge: Reporting– Viewing/Sharing production results?



Capabilities: Dashboard reporting and capturing production progress

- Planned Percent Complete (PPC) – trending analysis
- Reasons for variances
- Real-time information

Benefits: Native dashboards with PPC trending, company by company analysis and reasons for missed commitments all inform continued look ahead and weekly work plan sessions

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OPC – It's NOT P6 (The Big Take-Aways)

Easily Connect Teams into One Unified Plan

Covers all Projects & Users

More Than Just Planning & Scheduling

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