Oracle CEBGU

Std. Integration Primavera P6 and Oracle Prime

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Safe Harbor Statement

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Agenda

1. Intro
2. Beyond scheduling
3. Integration P6 and Prime
TRENDS drive The Case for Continuous Transformation and Innovation

NEW CUSTOMER EXPECTATIONS

NEW WAYS OF WORKING

NEW BUSINESS MODELS
Oracle Prime embraces these TRENDS
Beyond scheduling

P6 EPPM

Prime
P6 EPPM

Planning and Scheduling
Capacity Planning
Resource Management
Progress Capture
Risk Management
It’s Prime Time

The best of intellectual property and more combined into one project platform.
What is Primavera Prime?

- 100% Cloud-based product
- Construction Project and Portfolio Management service built on Oracle technology
- Integrated scope, cost and schedule
- Long range capital and resource planning
- Evaluate Tenders and project proposals that align with business strategic goals
Prime Mobile Apps

• Native, purpose-built IOS based mobile application
• Leverage device capabilities to deliver feature rich, optimized functionality
• Springboard navigation, a streamlined design to support executives, project manager and field users to access data
• Offline capabilities to access data on the go
• In-built notifications and discussions capabilities to improve communication and collaboration between team members
### Prime configurable & flexible Project Structures (like in P6)

<table>
<thead>
<tr>
<th>Responsibility</th>
<th>Location</th>
<th>Phase</th>
<th>System</th>
</tr>
</thead>
</table>
| Company / Sub Company 1  
Company 2  
... | Building Administration Hall  
... | Phase Planning  
Procurement  
Construction  
... | KKS or AKZ  
Block Number  
... |
| Partner  
– GC 1  
– GC 2  
– ... | Area  
A  
B  
... | Detailed phase  
– Concept Design  
– Final Design  
– Tendering  
– Negotiations/Awarding  
– Structural works  
– ... | Technik  
Dry walls  
HVAC  
Flooring  
Electricity  
... |
| Kontakt Müller Schwarz... | Level  
-7m, 0m  
+49m  
... | ... | Functional group  
HVAC - Cooling  
... |
Agenda

1. Intro
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3. Integration P6 and Prime
Beyond scheduling

When?

What? How much? How?

P6 EPPM

Prime
Beyond scheduling

Integrate Scope (RIB ITwo)  Integrate Lean scheduling
Integrate Risk Analysis
Integrate Contract & Change Management and Cost Controls
Integrate Job site or Field Tasks
On Enterprise level: integrate Portfolio Mgt for Construction Projects, etc

What? How much? How?
Beyond scheduling

- Integrate Scope (e.g. RIB ITwo)
- Integrate Production planning (lean task management)
- Integrate Risk Analysis
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- Integrate Contract & Change Management and Cost Controls

- On Enterprise level: integrate Portfolio Mgt for Construction Projects, etc
Interaction between Estimation, Scope, Cost and Schedule

Vor-/Laufend-/Nach-Kalkulation (Non-Oracle Estimation)

Prime Cost Sheet (Cost and Budget)

Prime Scope and Work Package

Prime Schedule and Risk Assignments

Oracle & DOAG / 11.Primavera Community Day
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Integrate Production Planning

Import schedule from P6 to Prime and manage tasks linked to activities
Integrate Production Planning

LastPlanners® breakdown Activities, identify Tasks durations, sequences & due dates in facilitated production meetings

LastPlanners® breakdown Activities into smaller Tasks, collaboratively plan their due dates, and commit to complete them as planned.

➢ The Hopper
  - Unplanned Tasks
  - Activity Optional
  - Collapse/Expand

➢ Tasks get durations, sequences, and due dates
Integrate Production Planning

The LastPlanners® commit to Due Dates on the Planning Board, complete when done, and re-commit if not completed.

The planning board is where field disciplines commit to Task due dates. Each field discipline has a different Task color assignment on the Planning Board.

- Digital Planning Board vs. Trailer Wall
- Planned Tasks
- Committed Tasks
- Completed Tasks
- Overdue Tasks
- Reference Activities
- Collapse/Expand
Integrate Production Planning

Synchronize project activities and tasks/steps from Prime to P6
Monitor Performance

Monitor Planned Percent Complete (PPC) & Reasons for missed commitments per Lean Construction Institute’s best practices

With the field executing, it’s now about capturing completions. If commitments are missed, reason codes are assigned, and new commitments are made. Tasks alert the CPM network for incompatible dates or status.

- Project PPC
- Company PPC (Inherited Colors)
- Reasons for Missed Commitments
- One Time Frame, All Charts
1. View & Create project Tasks or private tasks on the fly.

2. View Due, Pending, Flagged and Completed Tasks.

3. Recommit the tasks with right reasons.
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Risk impact on schedule

Risk impacted: 90% probability

CPM project finish ("naiv")
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https://my.oracle.com/site/gbu/primavera/products/oracle-prime/cnt2687539.mp4
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Integration Options

Pre-built
Primavera Gateway

Direct Project Integration
P6 xml
PIMS
On Demand
Direct Project integration

Details

Manual import
P6 xml

Direct synchronization (PIMS)
Auto Sync
Oracle Primavera Gateway
Architectural Overview

Primavera Gateway
Graphical User Interface
- Configuration; Role-based security; Ad-hoc synchronizations; Monitoring

Integration Broker
- Compare
- Scheduling
- Logging
- Audit
- Customizations
- Industry-Specific Flows and Data Maps
  - Routine Maintenance; Shutdown and turnaround; Capital Project

Prime Provider
- Oracle Prime

P6 Provider
- Primavera P6 EPPM

Integration Synch. Services
- Primavera P6 EPPM
Oracle Primavera Gateway

P6 Gateway settings for Prime Integration
Oracle Primavera Gateway
Prime Gateway settings for P6 Integration