ORACLE Construction and Engineering

Optimize Crew Productivity with Oracle Primavera Advanced Work Packaging

Prevent delays and keep project schedules on track

Primavera Advanced Work Packaging (AWP) configuration

Package all aspects of work together to prevent obstacles for crews on projects. With Oracle Primavera Advanced Work Packaging (AWP), prevent delays and keep project schedules on track.

The Advanced Work Packaging configuration enables owners and EPCs to manage all work packages and automate constraint management and approval cycles.

The configuration is based on the natively integrated Primavera P6 Enterprise Project Portfolio Management and Primavera Unifier systems and leverages proven integrations with other solutions such as the Universal Plant Viewer (UPV) visualization tool, Enterprise Resource Planning (ERP), Enterprise Asset Management (EAM), and Supply Chain Management (SCM) solutions. In addition, Advanced Work Packaging can help owners and EPCs quickly and easily adopt the AWP methodology, developed by the Construction Industry Institute (CII).

Constraint management

Automated constraint management ensures that no Installation Work Packages (IWPs) are released for execution prematurely. WorkFace planners can see all constraints that are relevant to each work package and precisely understand the deficiencies in order to address them.

ORACLE Primave			(USAWP)									
			Iding 100 × Domo AWP Project									
Demo AWP Pasiect 2 - Home		Orac	le > Ragion 1 > Site 1-1 > Demo	NWP Project 2								
A Nation IWPs				Record Details Workflow Progress			s Attachments					
7 rates												
FE Trate + Cruste Action * View: All Records * 🖋 🔿				0 · Q = 0		V General Information		NVP biame				
Drafts		1	O INPID	INP Name	IVIP Badgeted Man Hours	Discipline	HWP-001		Installation WP	001		
Malhow	>	0	1199-001	inclutation Will (MIT	108	Exel	AW Decription					
			W/P-002	Incluination WF 002	100	Electrical						
) Information	>		WF-005	Installation WP 003	100	Mechanical	Civil		Description			
Gates			WP-004	Installation WP 004	100	Cvil	INP lype		INF Key Quantity			
en onn			WP 005	Installution WP-003	C Mais - MAR-001 - Report No. HIDX0000 - Grogie Chro		rome				- (0
PMS Project Date	>		WP-006	Installution 197 005	@ ustunifiersales.orad	ledeud.com/usawp/bp/r	nod/bp/record/open/adaepat/14/0/07srcid=1	48-model - usepwf8-trom	costing=1fkprosed	1.14-10368-05-0	a_uret-uuu172504	46285
			(\$94-007	Installation WP 007								
C1 AWP	~		1920-000	Investigation way only	IWPs					Surv Evals M	fore Actions *	See
Planning and Setup			(10)-009	Inclui Moro Will 2011								
			197-012	Installation WP 010	General NVP Info N	otos & Commants Eq	ulpment & Material Availability Status M	aterial Installation Status	Bulk Material	Field Maters	als Related Drav	aings
Work Packages	~		WP-011	Installation WP 011	~ General Inform	al en		≰ act Mail ≤	Norkflow Progress	Audit Log	Reference Record	1
CW/w			INF 012 Installati	teatul adam WP 012			INF firms					
Crine .			1977-013	Installation WP 013	INTY IS		IVER DESIGN	Title	Record Number	Current Stop	BP Setup 5	had
			(192-014	Installution WP-014	INP-031		Installation WP 001	IWP-001	unit grouf 0000	Read room Co.	nimution WFS	
CWPs			W/P-015	Installation WP 015	AVAP Discipline							
							IWP Deux plice	and a second				
CWPs CWPs			WE-BIN	levial abox WF 014	1000000		IWP Deverytion	C Stew Complete	. Filter By: Visi	ted Steps 💌		
			WEATS WEATS		Civil		IMP Description Description	C Stee Ceaplin	- Titer By: Vis Analyzes	ted Steps *	Status	
TWPs TWPs				Invested who non-state state	1000000	•				0.000	Status Completed	
DWPs			WW-017	Installation WP 018 Installation WP 017	Civil	•	Description	Step Name	Analyses	Company		
DWPs DWPs PWPs			(WP-017 (WP-018	Installation WP 014 Installation WP 017 Installation WP 018	Civil NZP Type		Description IWP Key Durethy 200	Step Name Auto Creation	Analgenese Fred Kisner Fred Kisner	Company Crocie	Completed	
TWPs TWPs			WF-017 WF-018 WF-019	Installation WAY 014 Installation WAY 017 Installation WAY 018 Installation WAY 018	Civil NZP Type		Description WP Key Durethy	Step Name Auto Creation Assign Related P6	Anignes Fed Ester Fed Ester Fed Ester	Company Onscie Onscie	Completed Completed	
DWPs DWPs PWPs			(V2F-01) (V2F-01) (V2F-01) (V2F-01) (V2F-02)	Installation WP 014 Installation WP 017 Installation WP 018 Installation WP 018 Installation WP 019	Civil NZP Type		Description IWP Key Durethy 200	Step Name Auto Creation Assign Related F6 & Assign Vendor B0	Anignes Fred Ester Fred Ester Fred Ester Fred Ester	Company Oracle Oracle Oracle	Completed Completed Completed	
DWPs NWPs PWPs DWPs BS			1494-4317 1497-438 1497-638 1497-620 1497-621	Installation VAP 016 Installation VAP 017 Installation VAP 018 Installation VAP 019 Installation VAP 020 Installation VAP 021	Civil NZP Type		Densi prion IVP Key Danetty 200 IVP Budgeted Man Hours	Step Name Auto Creation Adalgo Related P6 & Assign Related P6 Assign Related Dra	Anignes Fred Ester Fred Ester Fred Ester Fred Ester Fred Ester	Company Directe Directe Directe Directe Directe	Completed Completed Completed Completed	
TWPs WPs PWPs SWFs			WF-017 WF-016 WF-016 WF-020 WF-021 WF-022	Installation 1997 (25.6 Installation 1997 (27.7 Installation 1997 (27.7 Installation 1997 (27.7 Installation 1997 (27.2) Installation 1997 (27.2) Installation 1997 (27.2)	Civil WP Type Instal Contract Number	•	Density (clean WP Key Outently 200 IWP Buckgolool Main Hours 100	Step Name Auto Clears on Assign Ripated FG & Assign Ripated FG Assign Ripated Disc. Assign enter Relat	Anignes Fred Ester Fred Ester Fred Ester Fred Ester Fred Ester Fred Ester Fred Ester	Company Cracle Cracle Cracle Cracle Cracle Cracle	Completed Completed Completed Completed Completed	
TWPs WWFs PWPs SWFs BS			W2F-017 W2F-018 W2F-018 W2F-018 W2F-020 W2F-021 W2F-021 W2F-023	Installation WW 056 Installation WW 057 Installation WW 058 Installation WW 058 Installation WP 059 Installation WP 050 Installation WP 051 Installation WP 052 Installation WP 053	Civil NVP Type Install		Density (clean WP Key Outently 200 IWP Buckgolool Main Hours 100	Step Name Auto Crestion Assign Bratod F6 Assign Bratod F6 Assign Bratod F6 Assign Bratod Dis Assign strar Balat Beatiness Confirm	Andgener Fred Kover Fred Kover Fred Kover Fred Kover Fred Kover Fred Kover	Company Cracle Cracle Cracle Cracle Cracle Cracle Cracle Cracle	Completed Completed Completed Completed Completed Completed Completed	
FWIN FWIN SWIN HIS MININ SWIN			V9H-017 V9H-018 V9H-019 V9H-020 V9H-021 V9H-021 V9H-021 V9H-021 V9H-021	Installation 1997 (25.6 Installation 1997 (27.6 Installation 1997 (27.6 Installation 1997 (27.6 Installation 1997 (27.6 Installation 1997 (27.6 Installation 1997 (27.6 Installation 1997 (27.4	Civil WP Type Instal Contract Number	•	Density (clean WP Key Outently 200 IWP Buckgolool Main Hours 100	Supp Name Auto Creation Assign Ryatodo FG & Assign Rivatodo FG Assign Rivatod Dis Assign Rivatod Dis Assign univer Falda Restaures Continu	Anigene FedEser FedEser FedEser FedEser FedEser FedEser FedEser FedEser	Core Core Core Core Core Core Core Core	Completed Completed Completed Completed Completed Completed Completed Completed Completed	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
TWPs TWPs PMPs SWPs Bits Mittin			(VP+01) (VP-03) (VP-03) (VP-03) (VP-03) (VP-03) (VP-03) (VP-04) (VP-04)	Installation 1997 ISS Installation 1997 ISS	Civil NVP Type Instal Context Rumber Iype a Contract #	¥ 6:	Density (clean WP Key Outently 200 IWP Buckgolool Main Hours 100	Step Name Auto Creation Assign Braisted F6 & Avelen Nordez B0 Assign entrer Falat Reactives Contem Reactives Contem	Analgenes Fred Exore Fred Exore Fred Exore Fred Exore Fred Exore Fred Exore Fred Exore Fred Exore Fred Exore	Conpany Code Code Code Code Code Code Code Code	Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed	
FWIN FWIN SWIN HIS MININ SWIN			(99-01) (99-03) (99-03) (99-02) (99-02) (99-03) (99-03) (99-03) (99-03) (99-03)	Indefailation 10/2014 Indefailing 10/2017 Indefailing 10/2017	Civil WP Type Instal Contract Number	¥ 6:	Density (clean WP Key Outently 200 IWP Buckgolool Main Hours 100	Step Name Auto Creation Auto (International Poli- auto) (International Poli- Ausign Restand Dos. Ausign Restand Dos. Ausign Restand Statistics Readuress Contines. Readuress Contines.	Analgens Fred Koner Fred Koner Fred Koner Fred Koner Fred Koner Fred Koner Fred Koner Fred Koner Fred Koner	Congany Oracle Oracle Oracle Oracle Oracle Oracle Oracle Oracle Oracle Oracle Oracle	Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed Completed	

Work package structure and modifications

Oracle Construction and Engineering's AWP solution provides a consistent and structured approach to packaging work with the construction sequence driving both engineering and procurement by discipline. Any modifications to a work package are automatically captured and become part of the audit trail, so details such as which constraint was cleared and what may have been re-constrained are clearly communicated and become part of the project record.

Approval cycles

Automated workflows help ensure that work package requirements are reviewed and approved by required parties prior to the work package's release. Communication among the WorkFace planners, project managers, vendors, and service providers are automated within the solution to facilitate informed, collaborative decision-making to drive improved project outcomes.

A rank Installation BOM Items Number/Data Automation Number/Data Number/Data <t< th=""><th>ORACLE Primavera Unifi</th><th>icr (USAWP)</th><th></th><th></th><th></th><th>៩៨០• 🔟 •</th><th>ed Doort</th></t<>	ORACLE Primavera Unifi	icr (USAWP)				៩៨០• 🔟 •	ed Doort	
A Annue and Annu		Dubling 100 K Dono JAP						
A man Institution DOUST Items B man Institution DOUST Ite	A Descontrational Second	Grack P. Region 1 9: Stell-1 9	Deco MIP Project 2					
	A sheet	Installation BOM	Items		Record Details Attachments Permission			
Vice for the set of the set	II Teas	+ Cara Anna *	Vew: Vederlandowy * 🖋 🖓 🔁 * Q. 🗮 (3 ⊕		from Caser/Ry		
Instruction Instruction Instruction Instruction Instruction Instruction Instruction <td< td=""><td>Di Deche</td><td>Q IN ROMAD</td><td>Number Tay () * Weaker Deve Namer #ON Parado</td><td></td><td>West fip</td><td></td><td>0</td></td<>	Di Deche	Q IN ROMAD	Number Tay () * Weaker Deve Namer #ON Parado		West fip		0	
By Market 3 By Market 3 Waster 1 Waster 1 Waster 1 Stabilistion BOOM Hennis 1	🗹 Vallen 🔉				Vanzor Tog ID	Unit of Wassure Abbreviation		
Astilation BOM Items Brais Brais </td <td>(1) Inference > Ø maileder DOMitiens - Rolein No. PODICOM -</td> <td>1 (</td> <td>151 West (p. 75</td> <td>L X</td> <td>161</td> <td></td> <td></td>	(1) Inference > Ø maileder DOMitiens - Rolein No. PODICOM -	1 (151 West (p. 75	L X	161			
Back Statistic Conversion Industry Market Expression Indus	W unlan fersimatadeds dicam/strasp?	notwoldtport/aproxidation	187,0,00 model - conformition from JAIN - contramily world - 343544 -	10fercore_d_	> EBS Information			
National Solution BOM Intern Information Introduction BOM Intern Information Nation You for Young Introduction Nation You for Young Introduction The Young Nation You for Young				5.brill	> Related Engineering BOM Item Information			
Nuclear Status Nuclear Status Nuclear Status Status Nuclear Status<	Details Related Documents Installation	or Step ArtMiles Companies	•		> Related Vendor Information			
Instantion Mainteendation Test • Set Internation <		on	ter-barry Related PO Information					
Image: Construction Image: Construction V Bis Internation Surgement B Statistic Construction Surgement B Statistic Construction System Construction Statistic Construction System Construction Statistic Construction Surgement B Statistic Construction Statistic Construction Statistic Construction Statistic Construction Statistic Construction Statistic Properson Statistic Construction Statistic Properson Statistic Construction Statistic Properson Statistic Construction Statistic Properson Statistic Properson Statistic Properson	Value to			10	. Related INFP (for Procurement Purposes)			
Interface Interface Market Sile Information Grayment P Sile Information Selected PRIP & CHIP Information	Vendor Tay ID		Unit of Vessore Alderstation		1			
KME Orgener F jgst/dat/bacytes dat jdst/dat/bacytes jgst/dat/bacytes SM kriter Orgener F jgst/dat/bacytes 0 Data Packated PWP & CWP Information 0 Data information jgst/dat/bacytes	191					Material Installation Role of Conditionale		
600 623 2014 Lucitor Organizari 30 Organizari 30 Organizaria	* EBS Information							
Descent Organist Descent fragment Descent fragment <thd< td=""><td colspan="2"></td><td>Component D</td><td></td><td></td><td>Syglical Code Description</td><td></td></thd<>			Component D			Syglical Code Description		
In Takes P Related PHP & CMP Information Grammer Transfer	624		124	-				
Point Tasks 3 Generator Transition Related Procession Activity Information Generator Transition Related Procession Activity Information Generator Transition Related Procession Activity Information Generator Transition Installation Progress Mail Science Transition Installation Progress Mail Science Transition Installation Progress Mail Science Transition Installation Transition	2004 Number		Component					
Statute Processe Instatute Processe Good Reads Two Installation Progress A Montpoly (Mining Conjunction)	0		Yelve 0		> Related PWP & CWP Information			
Cast Tracing Name Cast Tracing			Generation Description		> Related Procurement Activity Information			
Centralization from Lensed Lense Lensed Lense Lensed Lense L			Valore 6p					
	Good Receipte Namber		Good Receipts Date			handhard Country		
			NW/00/2021 EMM AM	8				
							*	

Key business benefits

- Increase productivity
- Reduce installed cost
- Gain early construction input
- Increase project predictability
- Improve progress tracking
- Improve constructability in installation
- Enhance startup and commissioning
- Reduce project risk

Package delivery

The Oracle AWP lifecycle asset data management solution helps ensure that constraint-free packages of work are available to the crafts to install, ensuring smooth startup to deliver packages and projects on schedule. To achieve this, the Oracle solution supports a Path of Construction (POC), documenting how the capital project will be built and how engineering and procurement deliverables will support that effort. The POC then influences how the engineering and procurement deliverables are packaged, managed, and monitored to ensure compliance and on-time execution/delivery to the site.

Get started today

Ready to learn more? Request a demo.

Copyright © 2023, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0120

Disclaimer: If you are unsure whether your data sheet needs a disclaimer, read the revenue recognition policy. If you have further questions about your content and the disclaimer requirements, e-mail REVREC_US@oracle.com.