



Project Controls Expo – 16th Nov 2016

Emirates Stadium, London

PRIMAVERA UNIFIER

**A SOURCE FOR PROJECT COSTS
INTEGRATION**

About RPCuk

RPCuk...

- Provides effective project controls solutions
- Has over 20 years of experience
- Helps organisations deliver solutions successfully
- Deliver comprehensive portfolio of services, skills and solutions
- Provide ideal platforms to support the complete project lifecycle
- Oracle Certified Specialized Partner for Primavera Unifier and P6 EPPM

About the Speaker

Dave Hurren

RPCuk Technical Services Director

- Dave Hurren...
 - Is a Certified Oracle Primavera P6 EPPM Implementation Specialist
 - Is a Certified Oracle Primavera Unifier Implementation Specialist
 - Looks a bit like a famous wizard 😊



About the Topic

- Main Challenges
- Case Study
- Where Next
- Questions

Main Challenges

- 100% cloud deployment
- Integrated cost and schedule
- Integrated schedule and resource management
- Integrated company and project accounting
- NEC3 contract framework

Case Study

THE CUSTOMER

ENGINEERING
AND
CONSTRUCTION

NUCLEAR
SECTOR

GREEN FIELD

THE REQUIREMENTS

ACCOUNTING
SYSTEM

PROJECT COST
ACCOUNTING
SYSTEM

NEC3-
COMPLIANT
CHANGE
MANAGEMENT
SYSTEM

PLANNING AND
SCHEDULING
SYSTEM

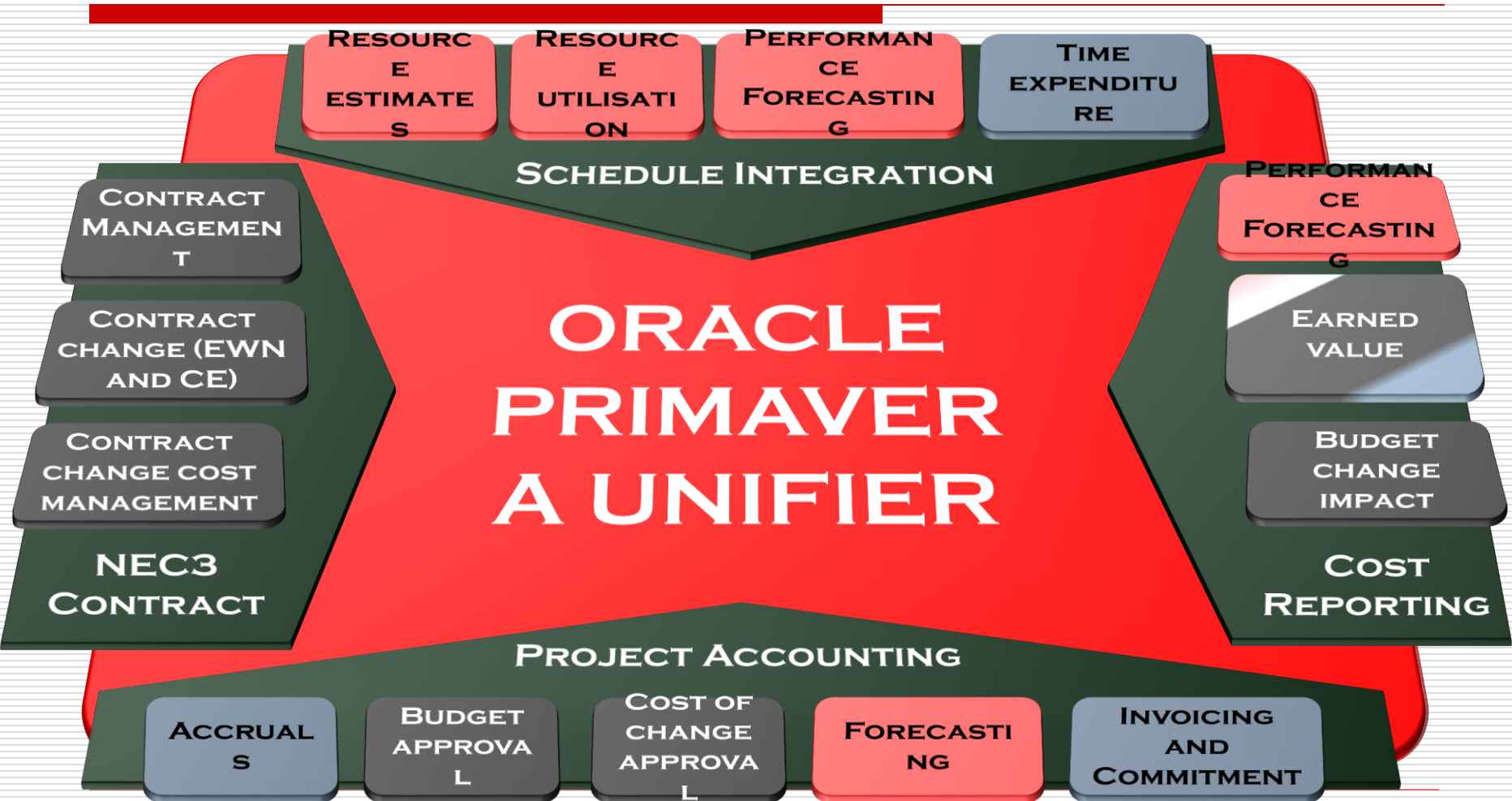
THE TOOLSETS

ORACLE
JD EDWARDS
ENTERPRISE
ONE

ORACLE
PRIMAVERA
UNIFIER

ORACLE
PRIMAVERA
P6 EPPM

Case Study



Case Study

WBS Code	WBS Item	Payment Applications and Invoices	Non Invoiced Expenditure	Total Actuals	Accrual Adjustment	Accrual Import	Total Accruals
1 1000	Design and Engineering	£298,800.00	£40,750.00	£339,550.00	£0.00	£3,155.00	£3,155.00
2 1100	Design Work	£175,000.00	£40,750.00	£215,750.00	£0.00	£3,155.00	£3,155.00
3 1200	Engineering	£123,800.00	£0.00	£123,800.00	£0.00	£0.00	£0.00
4 2000	Foundations	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
5 2100	Site Preparation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
6 2200	Excavation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00

WBS Code	WBS Item	Payment Applications and Invoices	Non Invoiced Expenditure	Total Actuals	Accrual Adjustment	Accrual Import	Total Accruals	P/E/ETC	EAC	Cost Variance
1 1000	Design and Engineering	£298,800.00	£40,750.00	£339,550.00	£0.00	£3,155.00	£3,155.00	£390,000.00	£729,550.00	(£209,550.00)
2 1100	Design Work	£175,000.00	£40,750.00	£215,750.00	£0.00	£3,155.00	£3,155.00	£240,000.00	£455,750.00	(£135,750.00)
3 1200	Engineering	£123,800.00	£0.00	£123,800.00	£0.00	£0.00	£0.00	£150,000.00	£273,800.00	(£73,800.00)
4 2000	Foundations	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£140,625.00	£140,625.00	£46,875.00
5 2100	Site Preparation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
6 2200	Excavation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
7 2300	Piling	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£20,625.00	£20,625.00	£8,875.00
8 2400	Concrete	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£120,000.00	£120,000.00	£40,000.00
9 3000	Structure	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£982,500.00	£982,500.00	£327,500.00
10 3100	Structural Frame	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00	£637,500.00	£637,500.00	£212,500.00

WBS Code	WBS Item	NEC3 Original Contract Value	Approved Compensation Events	CE's Pending Approval	CE Exposure	Early Warnings	Revised Commitments
1 1000	Design and Engineering	£520,000.00	£0.00	£0.00	£0.00	£0.00	£520,000.00
2 1100	Design Work	£320,000.00	£0.00	£0.00	£0.00	£0.00	£320,000.00
3 1200	Engineering	£200,000.00	£0.00	£0.00	£0.00	£0.00	£200,000.00
4 2000	Foundations	£180,000.00	£7,500.00	£27,000.00	£34,500.00	£0.00	£187,500.00
5 2100	Site Preparation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
6 2200	Excavation	£0.00	£0.00	£0.00	£0.00	£0.00	£0.00
7 2300	Piling	£20,000.00	£7,500.00	£7,000.00	£14,500.00	£0.00	£27,500.00
8 2400	Concrete	£160,000.00	£0.00	£20,000.00	£20,000.00	£0.00	£160,000.00
9 3000	Structure	£1,310,000.00	£0.00	£0.00	£0.00	£15,000.00	£1,310,000.00

Case Study

□ The Cost Sheet – Incoming Accounting Data

Project Cost Sheet									
WBS Code	WBS Item	Payment Applications and Invoices	Non Invoiced Expenditure	Total Actuals	Accrual Adjustment	Accrual Import	Total Accruals		
1000	Design and Engineering	€298,800.00	€40,750.00	€339,550.00	€0.00	€3,155.00	€3,155.00		
1100	Design Work	€175,000.00	€40,750.00	€215,750.00	€0.00	€3,155.00	€3,155.00		
1200	Engineering	€123,800.00	€0.00	€123,800.00	€0.00	€0.00	€0.00		
2000	Foundations	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
2100	Site Preparation	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
2200	Excavation	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
2300	Construction	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
2400	Plant and Equipment	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
2500	Other	€0.00	€0.00	€0.00	€0.00	€0.00	€0.00		
		<u>Payment Applications and Invoices</u>	<u>Non Invoiced Expenditure</u>	<u>Total Actuals</u>					
		€298,800.00	€40,750.00	€339,550.00					
		€175,000.00	€40,750.00	€215,750.00					
		€123,800.00	€0.00	€123,800.00					

Case Study

□ The Cost Sheet – NEC3 Change Control

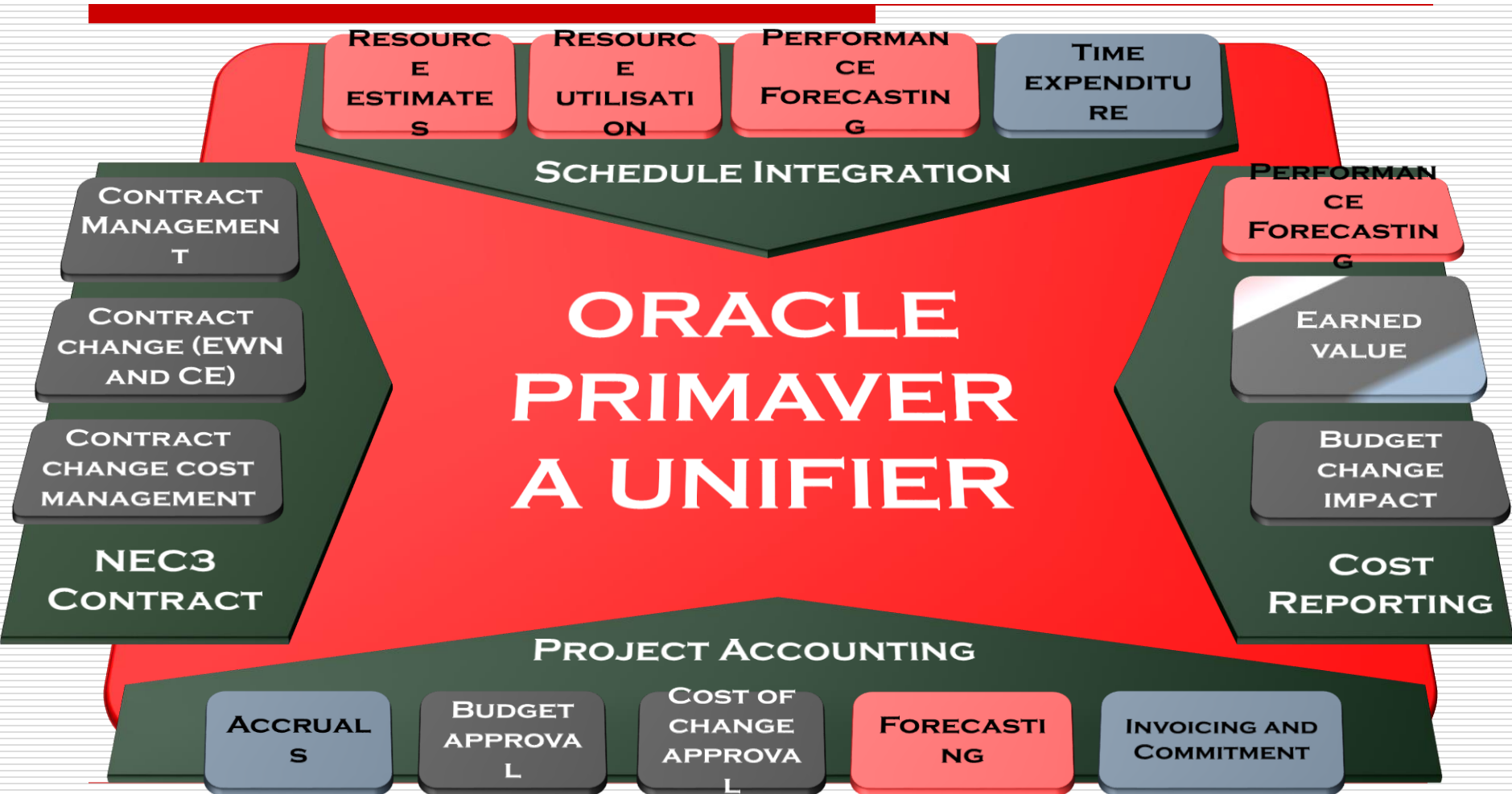
Project Cost Sheet											
WBS Code	WBS Item	NEC3 Original Contract Value	Approved Compensation Events	CE's Pending Approval	CE Exposure	Early Warnings	Revised Commitments				
1	1000	Design and Engineering	£520,000.00	£0.00	£0.00	£0.00	£0.00	£520,000.00			
2	1100	Design Work	£320,000.00	£0.00	£0.00	£0.00	£0.00	£320,000.00			
3	1200	Engineering	£200,000.00	£0.00	£0.00	£0.00	£0.00	£200,000.00			
		NEC3 Original Contract Value	Approved Compensation Events	CE's Pending Approval	CE Exposure	Early Warnings	Revised Commitments				
		£520,000.00	£0.00	£0.00	£0.00	£0.00	£520,000.00				
		£320,000.00	£0.00	£0.00	£0.00	£0.00	£320,000.00				
		£200,000.00	£0.00	£0.00	£0.00	£0.00	£200,000.00				
		£180,000.00	£7,500.00	£27,000.00	£34,500.00	£0.00	£187,500.00				
		£0.00	£0.00	£0.00	£0.00	£0.00	£0.00				
		£0.00	£0.00	£0.00	£0.00	£0.00	£0.00				
		£20,000.00	£7,500.00	£7,000.00	£14,500.00	£0.00	£27,500.00				
		£160,000.00	£0.00	£20,000.00	£20,000.00	£0.00	£160,000.00				
		£1,310,000.00	£0.00	£0.00	£0.00	£15,000.00	£1,310,000.00				
		£850,000.00	£0.00	£0.00	£0.00	£15,000.00	£850,000.00				
		£60,000.00	£0.00	£0.00	£0.00	£0.00	£60,000.00				
		£400,000.00	£0.00	£0.00	£0.00	£0.00	£400,000.00				
		£0.00	£0.00	£0.00	£0.00	£0.00	£0.00				
		£240,000.00	£10,000.00	£0.00	£10,000.00	£0.00	£250,000.00				
		£0.00	£15,000.00	£1,000.00	£16,000.00	£0.00	£15,000.00				

Case Study

□ The Cost Sheet – Cost Reporting

Project Cost Sheet								
WBS Code	WBS Item	Payment Applications and Invoices	Non Invoiced Expenditure	Total Actuals	P6 ETC	EAC	Cost Variance	
1	-1000	Design and Engineering	£298,800.00	£40,750.00	£339,550.00	£390,000.00	£729,550.00	(£209,550.00)
2	1100							(£135,750.00)
3	1200							(£73,800.00)
4	2000							£46,875.00
5	2100			£339,550.00	£390,000.00	£729,550.00	(£209,550.00)	£0.00
6	2200			£215,750.00	£240,000.00	£455,750.00	(£135,750.00)	£0.00
7	2300			£123,800.00	£150,000.00	£273,800.00	(£73,800.00)	£6,875.00
8	2400							£40,000.00
9	3000			£0.00	£140,625.00	£140,625.00	£46,875.00	£327,500.00
10	3100							£212,500.00
11	3200			£0.00	£0.00	£0.00	£0.00	£15,000.00
12	3300			£0.00	£0.00	£0.00	£0.00	£100,000.00
13	3400			£0.00	£20,625.00	£20,625.00	£6,875.00	£0.00
14	4000			£0.00	£120,000.00	£120,000.00	£40,000.00	£62,500.00
18	5000			£0.00	£982,500.00	£982,500.00	£327,500.00	£3,750.00
				£0.00	£637,500.00	£637,500.00	£212,500.00	
				£0.00	£45,000.00	£45,000.00	£15,000.00	
				£0.00	£300,000.00	£300,000.00	£100,000.00	
				£0.00	£0.00	£0.00	£0.00	
				£0.00	£187,500.00	£187,500.00	£62,500.00	
				£0.00	£11,250.00	£11,250.00	£3,750.00	

Case Study



Case Study

**PROJECT
PLANNERS**

**CHANGE
MANAGERS**

**PROJECT
ACCOUNTANT**

**COMPANY
ACCOUNTANT**

**PROJECT EXPENDITURE
PROJECT COST REPORTING**

PROJECT BUDGET APPROVAL

PROJECT COST AND AT COMPLETION FORECASTING

**RESOURCE
MANAGEMENT**

**CHANGE
GOVERNANC
E**

**CHANGE IMPACT ASSESSMENT
CHANGE MANAGEMENT**

PROJECT CONTROLS

Where Next?

