

# Jointly Leverage Unifier & P6 from Project Conception to Company Forecasting

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### Background

- ▶ Degree in Construction Engineering w/EIT, North Dakota State University
- ▶ Foresee Consulting 2 Years
- ▶ Mortenson Construction 16 Years
- ▶ Duke Construction 2 Years
- ▶ Project Manager on many complex projects

### Notable Implementations

- ▶ Expedition
- ▶ Contract Manager
- ▶ Oracle EBS - Cost Issue Management & Project Forecasting Custom Extensions
- ▶ Unifier - Project Management & Collaboration

### Notable Construction Projects

- ▶ Sioux City IA - Perry Creek Water Diversion & Outlet Structure
- ▶ EGF MN - Elementary & Middle Schools Flood Recovery and Reconstruction
- ▶ Mpls MN - U of M Walter Digital Technology Center
- ▶ Memphis TN - FedEx Forum (Grizzlies Basketball Arena)
- ▶ Mpls MN - Walker Art Center Expansion
- ▶ Duluth MN - St. Mary's Duluth Clinic 1st St Building



# Who is Foresee Consulting?

Construction project management consulting firm who implements, integrates, supports, and trains users on Oracle Primavera Products

**100+**

Number of Completed Unifier Deployments

**277**

Combined Years of Project Controls Experience

**352**

Combined Years of Project & Construction Management Experience

**83%**

Percentage of Foresee Staff with Unifier Experience



THE 4C TEAM HAS THE MOST UNIFIER® EXPERIENCE IN THE WORLD.

ORACLE

Platinum Partner  
Cloud Select  
North America

# Jointly Leverage Unifier & P6 from Project Conception to Company Forecasting



FORESEE CONSULTING  
Creating Collaboration to Contain Costs

# The Way it Was

## Systems

- ▶ Excel
- ▶ Prolog
- ▶ Unifier



# The Way it Was

## Systems

- ▶ Excel
- ▶ MS Project
- ▶ P6

Project  
Scheduling

# The Way it Was

## Systems

- ▶ Excel
- ▶ Ecosys
- ▶ Unifier

**Project Financial  
Management**

# Dislikes - Words We Hate

- ▶ Earned Value
- ▶ Resource Loaded Schedule
- ▶ Bucket Planning
- ▶ Cash Flow
- ▶ Schedule Updates

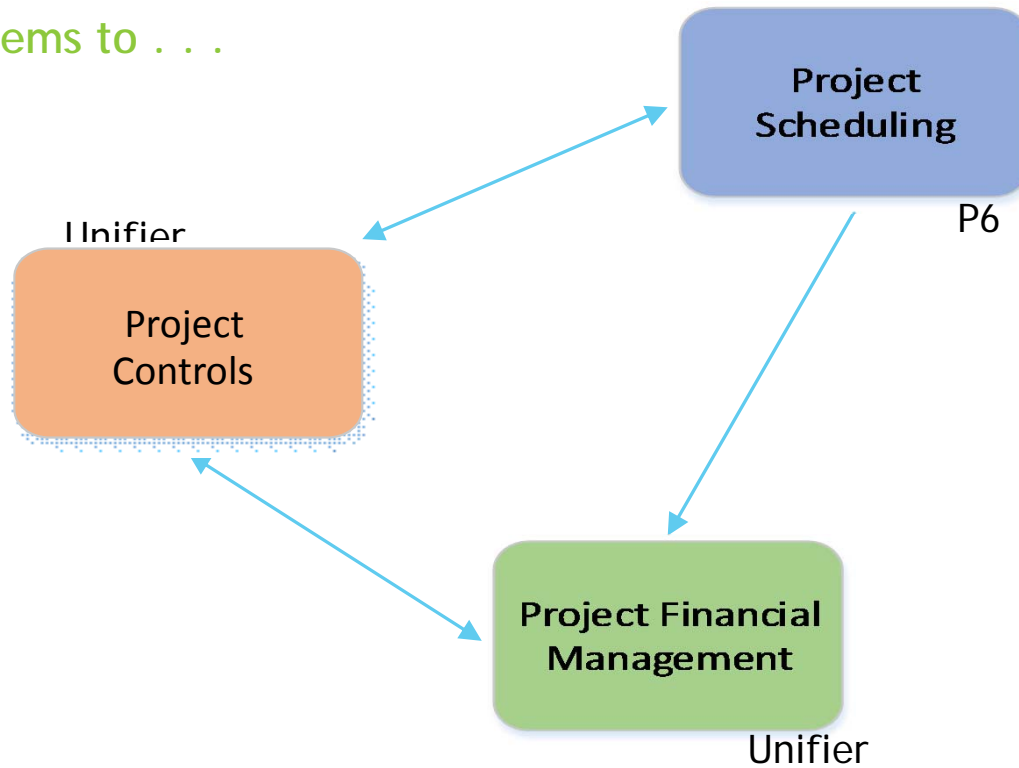


# Little Value - Drives - Little Effort

- ▶ Schedule vs. project controls vs. forecasting (project and company)
- ▶ Now throw into the mix the customer's needs - earned value and cash flow.
- ▶ Earned value and cash flow are not easy to deal with, but imagine if you drive it from the schedule and project controls combined.
- ▶ People don't like to do the work because there isn't value for them in the end. Why do something that no one is going to use or use very little - little value drives little effort - remember that in the age of fast paced projects and deadlines that are half . . . Or less. . . of what they were 30 years ago.

# So . . . What does it look like now?

Go from Systems to . . .




. . . A System with Information Flow

# P6 Schedule

Activity Name	Start	Finish	Predecessors
	07-Dec-15...	07-Mar-16 ...	
	07-Dec-15...	07-Mar-16 ...	
	07-Dec-15...	07-Mar-16 ...	Project Start
<b>Key Milestones</b>	07-Dec-15...	07-Mar-16 ...	
◆	07-Dec-15...	07-Dec-15 ...	
◆	21-Dec-15...	21-Dec-15 ...	
◆	13-Jan-16 ...	13-Jan-16 ...	
◆	20-Jan-16 ...	20-Jan-16 ...	
◆	20-Jan-16 ...	20-Jan-16 ...	
◆	10-Feb-16 ...	10-Feb-16 ...	
◆	07-Mar-16 ...	07-Mar-16 ...	
<b>Project Level</b>	07-Dec-15...	03-Mar-16 ...	
<b>Project Specific Labor</b>	21-Dec-15...	22-Dec-15 ...	
Project Activities Summary	21-Dec-15...	22-Dec-15 ...	
	21-Dec-15...	22-Dec-15 ...	Project Start
<b>Project Engineering</b>	21-Dec-15...	21-Dec-15 ...	
	21-Dec-15...	21-Dec-15 ...	
	07-Dec-15...	07-Dec-15 ...	
	07-Dec-15...	07-Dec-15 ...	
	08-Dec-15	08-Dec-15	

# P6 Resources

Assignments



Role Name	Resource ID Name	Resource Name	Planned Duration	Remaining Units	At Completion Units
			508.0h	13.00h	13.00h
			0.0h	0.00h	0.00h

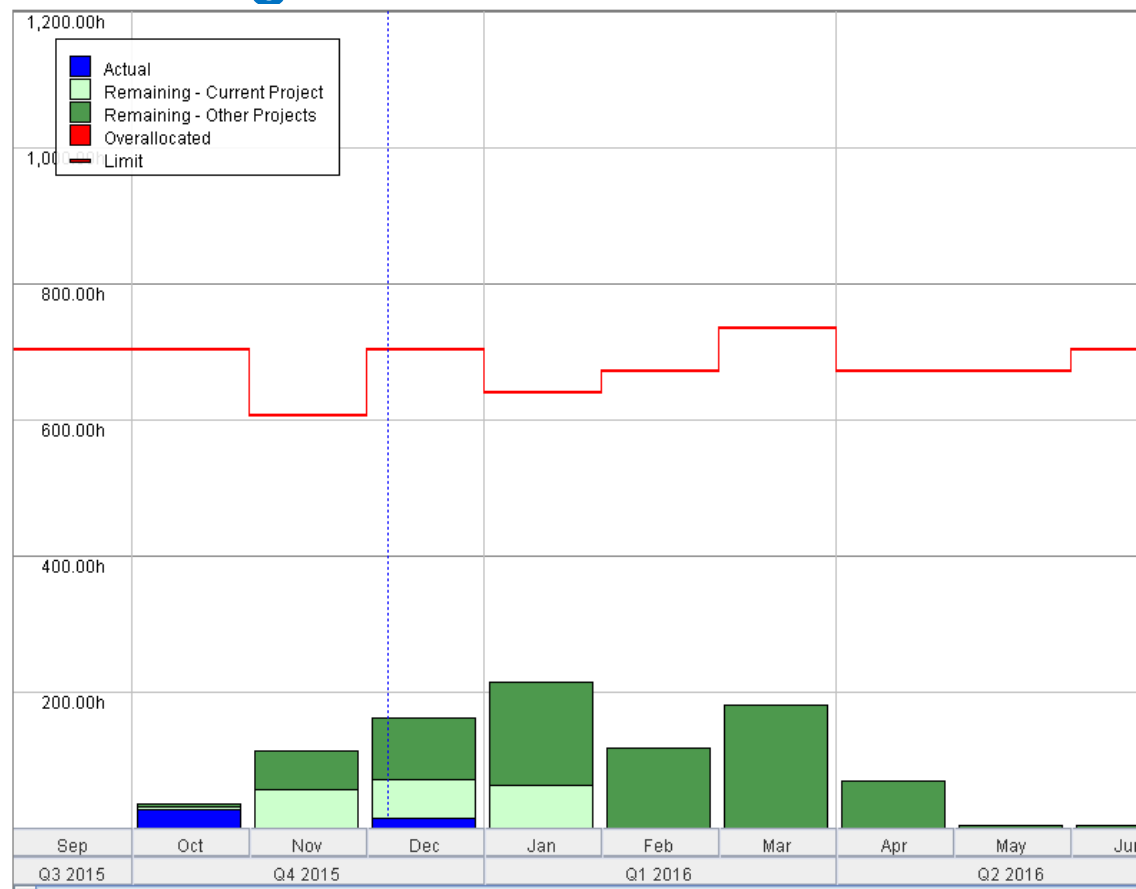
# Bucket Planning

9			0.0d	14-Mar-16	◆	
10			0.0d	14-Mar-16	◆	
11			0.0d	14-Mar-16	◆	
12			0.0d	14-Mar-16	◆	
13	<b>Project Level</b>	27.0d	19-Feb-16 A	13-Apr-16		

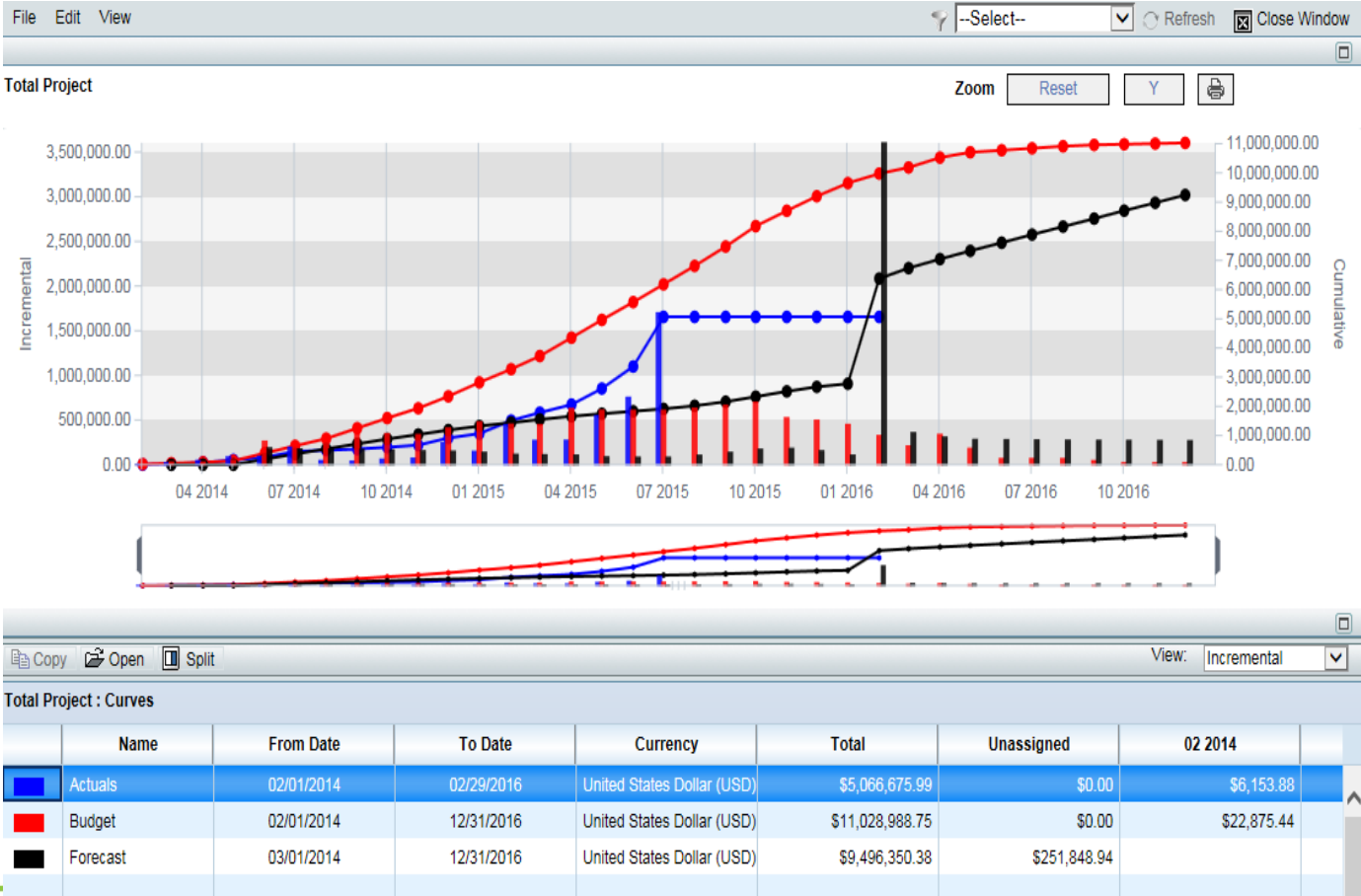
▼ Display: Current Project's Resources		▼ Display: Activity Resource Assignments								
Resource Name		Activity ID	Budgeted Units	S	Mar 13					
					Mon	Tue	Wed	Thr	Fri	Se
			38.79h	1	12.36h	12.86h	4.36h	4.36h	4.36h	
			5.79h	1	1.16h	1.16h	1.16h	1.16h	1.16h	
			16.00h	1	3.20h	3.20h	3.20h	3.20h	3.20h	
			17.00h	1	8.50h	8.50h				

# Resource Management





# Unifier Cash Flow





# Take-Aways



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# Take-Aways

- ▶ Using P6 in conjunction with Unifier has a number of benefits
  - ▶ Reflect schedule in cash flow
  - ▶ Resources tied between Unifier & P6
  - ▶ Bucket Planning Reflected in Cashflow

THANK  
YOU

Any  
Questions?