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# CPM Scheduling with Primavera Unifier

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***2014 Technical  
Webinar Series***



# Thank you for joining today's technical webinar

- Mute – all call in phones are automatically muted in order to preserve the quality of the audio for all attendees.
- Questions – during the session, questions can be submitted through the Questions Box on the right side of the screen . We will try to address your questions at the end of the presentation, time permitting.
- Follow up – all registrants will receive an Excel file listing all questions and responses along with a link to the recorded webinar.



# Safe Harbor

- The statements made in this technical presentation are based on our current knowledge of the tools.
- Our statements should not be construed to be an official “Oracle perspective”, but are intended to be the sharing of technical and user knowledge gained as we explore new paths and technologies, usually in advance of our clients.
- Our statements should not be construed as in conflict with any Oracle statement, as the Oracle statement is likely made based on more current knowledge than may be available to us.

- Oracle Primavera Software
- Oracle Primavera Certified Training & Implementation Specializations
- Project Support Services – administrators, schedulers, estimators



- Global, dedicated environments, application hosting services
- Primavera OPPM, P6 EPPM, P6 Pro, Primavera Unifier, Contract Management, BI Publisher, UCM/Sharepoint, P6 Risk, AutoVue, Analytics and Instantis.
- Hard Dollar, Acumen Fuse, Ecosys, Prism G2, US Cost, Microsoft Dynamics...
- Global Data Centers in USA, London, Singapore and Brisbane



# Abstract

## CPM Scheduling with Primavera Unifier

- Oracle Primavera Unifier has a built-in scheduling component that supports creating schedules including activities, durations, logic and constraints. Unifier also supports importing schedules from P6 and MS Project. Many people have asked if they still need P6 to do schedules if they have Primavera Unifier? In this presentation we take an in-depth look at what schedule functionality is actually provided in Unifier, if it calculates a critical path, and how to best use this functionality to meet your scheduling requirements.



# Agenda

- The “Unifier Webinar Series”
- What is Primavera Unifier?
- Fundamentals of the Unifier Schedule module
- Creating a CPM schedule in Unifier
- Perspective on CPM schedules with Unifier
- Integrating with P6
- Best Practice recommendation
- Questions



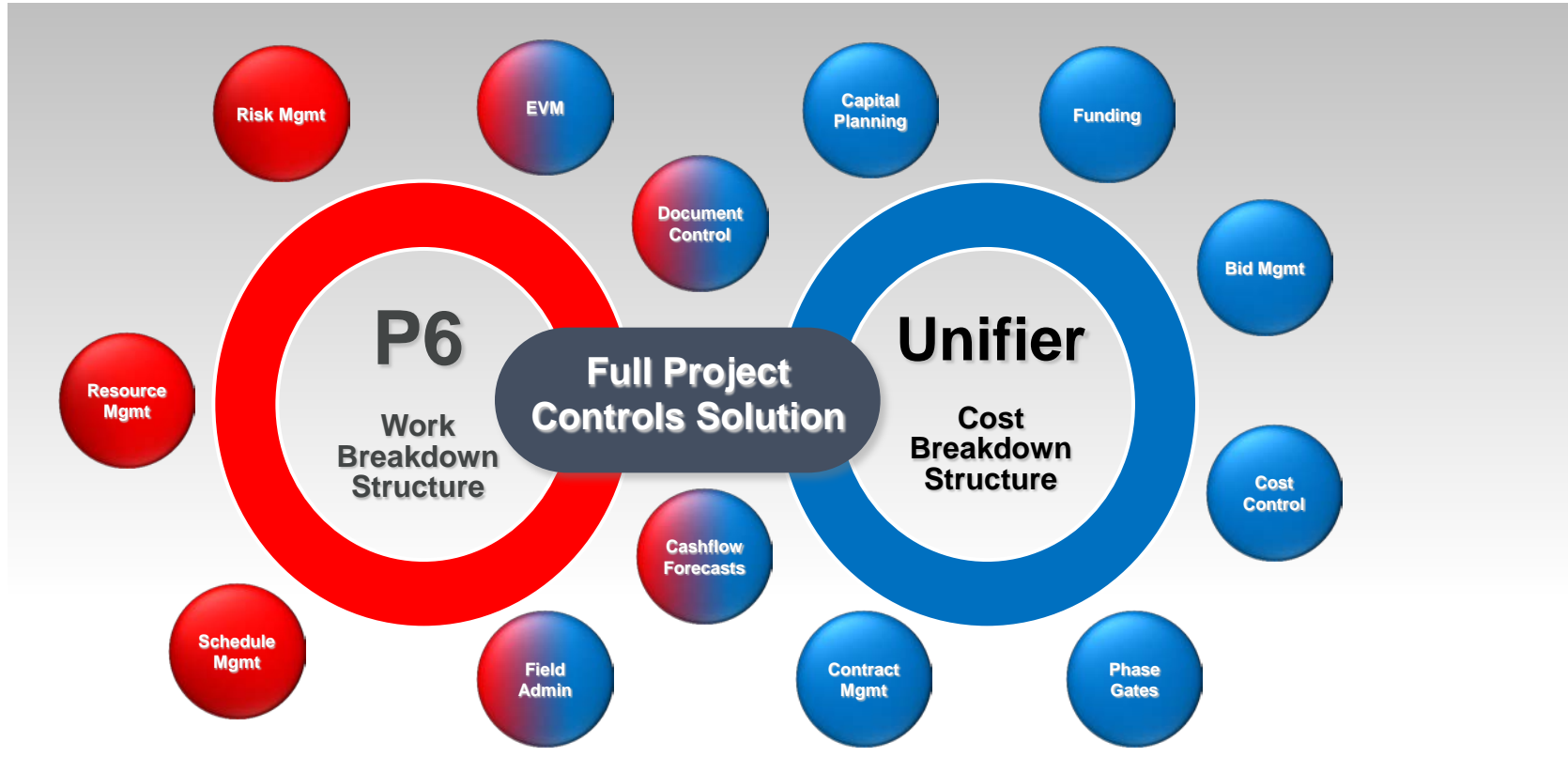
# The “Unifier Webinar Series”

DRMcNatty is providing the following webinars on Unifier to help our clients better understand Unifier and how Unifier is Implemented.

- August – Overview of Oracle Primavera Unifier & Contract Management
- September – Migrating from Contract Management to Unifier
- October – Implementing Unifier in an Owner, CM or GC environment
- December – Unifier/P6 Cost and Schedule Integration
- January – Integrate Unifier with Webservice Utilities
- March – CPM Scheduling with Unifier

Video of previous webinars are posted at  
[www.drmcnatty.com/Resources/Webinars/](http://www.drmcnatty.com/Resources/Webinars/)

# Oracle Primavera P6 + Primavera Unifier



# What is Primavera Unifier?

Unifier@10.0.3.39 - Windows Internet Explorer

https://unifierdemo3.mlmprojectservices.com/bp/nav/main/user#:us\_ap,mc:user,p:1002,k:dm

ORACLE Primavera Unifier Don McNatty (Last login: 10/14/2013 12:55 PM) Bookmarks Preferences Support Logout

Home Company Workspace Programs All Projects

User Mode

File Edit View Help

Current Phase

Project Documents - Current View: All

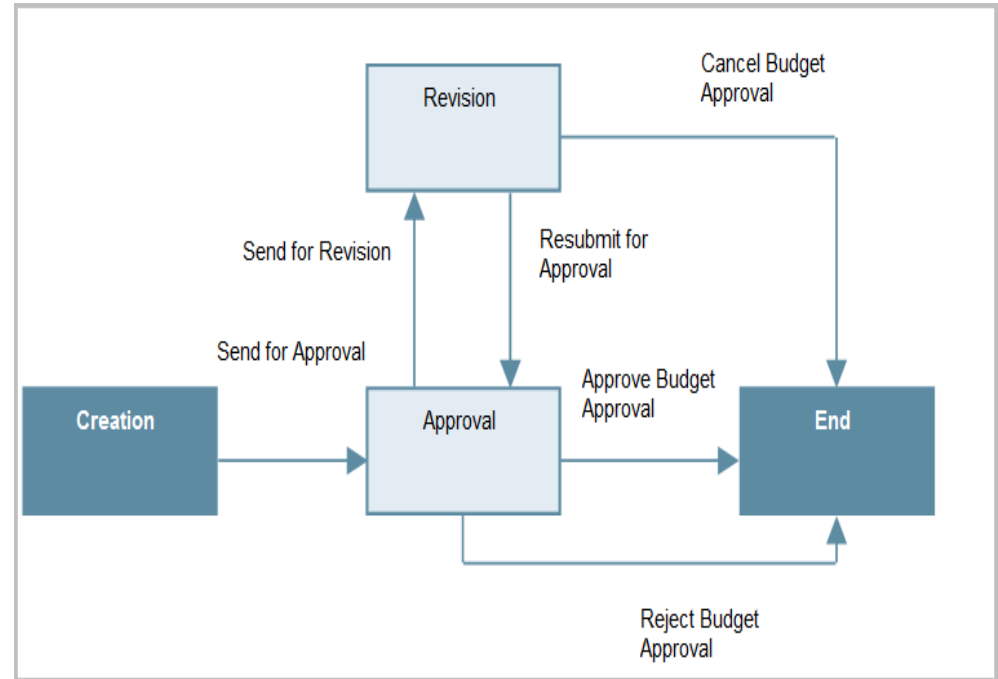
20 Item(s) Page 1 of 1 Display 100 items per page

Ref	BP	Name	Size	Creation Date	Owner	Title	Rev. No.
		Accounting and Finance		08/22/2013	OOTB Admin		
		Audit		08/22/2013	OOTB Admin		
		Bids and Contracts		08/22/2013	OOTB Admin		
		Business Case Development		08/22/2013	OOTB Admin		
		Closeout Documents		08/22/2013	OOTB Admin		
		Commissioning Plan		08/22/2013	OOTB Admin		
		Construction		08/22/2013	OOTB Admin		
		Correspondence		08/22/2013	OOTB Admin		
		Design		08/22/2013	OOTB Admin		
		Environmental Health and Safe		08/22/2013	OOTB Admin		
		General Project Information		08/22/2013	OOTB Admin		
		Insurance		08/22/2013	OOTB Admin		
		Legal		08/22/2013	OOTB Admin		
		Meeting Minutes and Field Rep		08/22/2013	OOTB Admin		
		MWBE Documents		08/22/2013	OOTB Admin		
		Owner Certified Insurance Pro		08/22/2013	OOTB Admin		
		Permits and Fees		08/22/2013	OOTB Admin		
		Project Budgets and Schedules		08/22/2013	OOTB Admin		
		Project Delivery		08/23/2013	OOTB Admin		
		Real Estate		08/22/2013	OOTB Admin		

Cloud-based Integrated Project Information Management solution

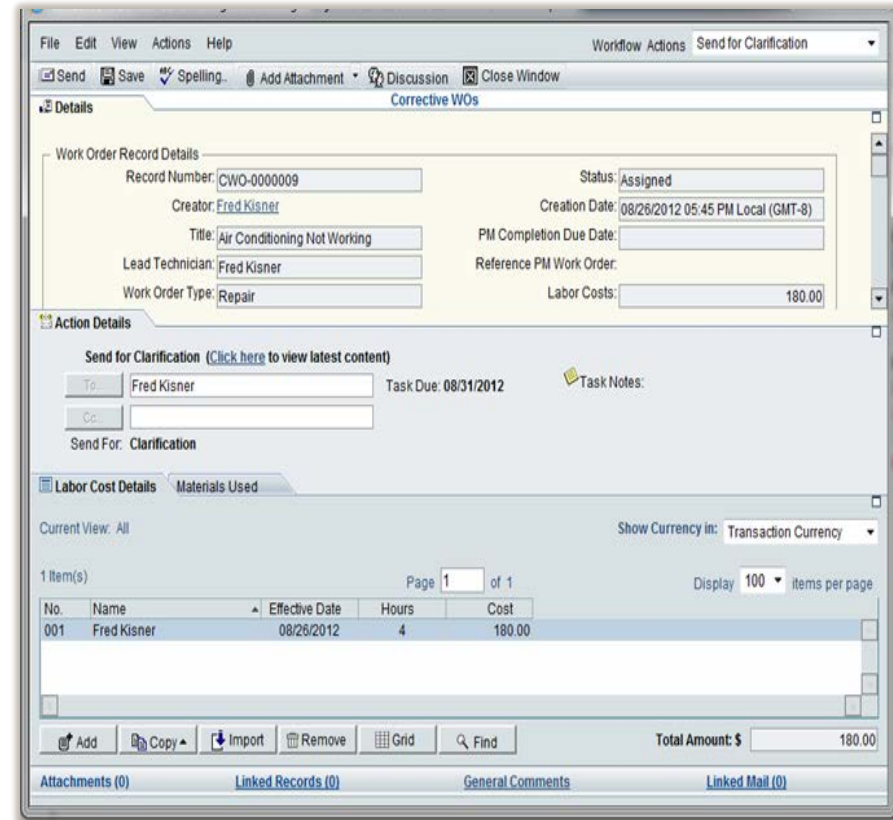
# What is Primavera Unifier?

- Full document management with configurable folder structure.
- Configurable Business Processes.
- Automation to drive business rules.



# What is Primavera Unifier?

- Intuitive User Interface
- User defined content
- Real-time visibility of project data
- Specific access levels to information
- Complete audit trail of all edits and changes



The screenshot displays the Primavera Unifier software interface, specifically the 'Work Order Record Details' form. The form is titled 'Corrective WOs' and includes a menu bar with options like File, Edit, View, Actions, and Help. Below the menu bar, there are tabs for 'Details' and 'Action Details'. The 'Details' tab is active, showing fields for Record Number (CWO-0000009), Creator (Fred Kisner), Title (Air Conditioning Not Working), Lead Technician (Fred Kisner), Work Order Type (Repair), Status (Assigned), Creation Date (08/26/2012 05:45 PM Local (GMT-8)), PM Completion Due Date, Reference PM Work Order, and Labor Costs (180.00). The 'Action Details' tab is also visible, showing a 'Send for Clarification' button and a 'Task Notes' section. Below the tabs, there is a 'Labor Cost Details' section with a table showing 1 item(s) with columns for No., Name, Effective Date, Hours, and Cost. The table contains one row with No. 001, Name Fred Kisner, Effective Date 08/26/2012, Hours 4, and Cost 180.00. The interface also includes a 'Total Amount' field showing \$ 180.00 and a footer with links for Attachments, Linked Records, General Comments, and Linked Mail.

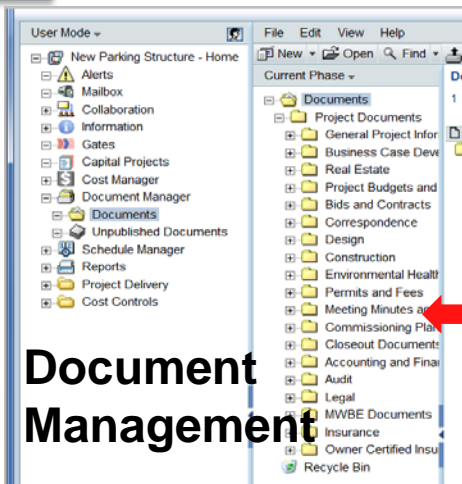


# Available Pre-Configured Packages

**R9.14 – Posted on eDelivery Dec 2013**

- Capital Project & Program Management (CPPM)
  - Primavera Unifier Capital Planning
  - Primavera Unifier Cost Controls
  - Primavera Unifier Project Delivery Management

# Interactive Example



**Document Management**

**Document**

Carlson

REQUEST FOR INFORMATION

No. 9991

PROJECT: This Data Complex

DATE: 4/1/10

FOB: 1002000

ATTN: Beth Davis

Carlson Associates Inc.

629 Concord Street

Tulsa, OK 74101

Phone: 918-370-0100 Fax: 918-426-2296

Requested By: AM/PERCE

Source: RFO/UBED: 40408

TITLE: Additional Pricing

REQUIRE: Will additional pricing be required around the project off-site parking?

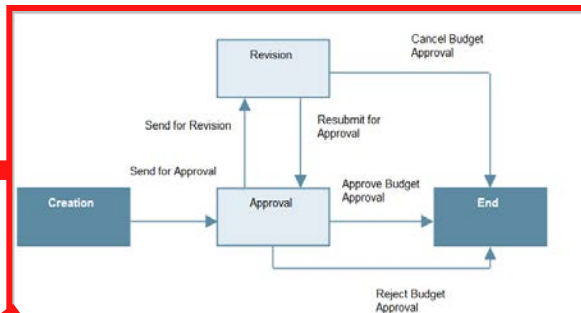
Reviewed By: Carlson Associates/Carlson

Revised: 4/1/10


ANSWER:

Yes, follow the specifications.

**Business Processes**



**Schedule Sheet**

Project Schedule Sheet																																
Id	Activity Name	Start date	Finish date	Duration	Mar 17, 2013							Mar 24, 2013							Mar 31, 2013													
					S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W		
1	Design Requirements	03/22/2013	03/26/2013	3																												
2	Funds Allocation	03/27/2013	03/27/2013	1																												
3	Budget Review	03/29/2013	03/29/2013	1																												

**Cost Sheet**

	Cost Code	Code Name	Estimates	Original Budget	Pending Bar
30	IF 03000	Division 3 — Concrete	5,000,000.00	4,000,000.00	
31	03000	Basic Materials & Methods	5,000,000.00	4,000,000.00	
32	03100	Concrete Forms & Accessories	0.00	0.00	
33	03200	Concrete Reinforcement	0.00	0.00	
34	03300	Cast-in-Place Concrete	0.00	0.00	
35	03400	Precast Concrete	0.00	0.00	
36	03500	Continuous Decks & Underlayment	0.00	0.00	
37	03500	Grouts	0.00	0.00	
38	03700	Mass Concrete	0.00	0.00	
39	03900	Concrete Restoration & Cleaning	0.00	0.00	
40	IF 04000	Division 4 — Masonry	0.00	0.00	
49	IF 05000	Division 5 — Metals	0.00	0.00	
51	IF 06000	Division 6 — Wood & Plastics	0.00	0.00	
59	IF 07000	Thermal & Moisture Protection	0.00	0.00	
60	IF 08000	Division 8 — Doors & Windows	0.00	0.00	
91	IF 09000	Division 9 — Finishes	0.00	0.00	
102	IF 10000	Division 10 — Specifications	0.00	0.00	
127	IF 11000	Division 11 — Equipment	0.00	0.00	
164	IF 12000	Division 12 — Furnishings	0.00	0.00	
191	IF 13000	Division 13 — Special Construction	0.00	0.00	
204	IF 14000	Division 14 — Conveying Systems	0.00	0.00	
214	IF 15000	Division 15 — Mechanical	0.00	0.00	
226	IF 16000	Division 16 — Electrical	0.00	0.00	
236	06000	Contingencies	0.00	1,000,000.00	

**Cash Flow**



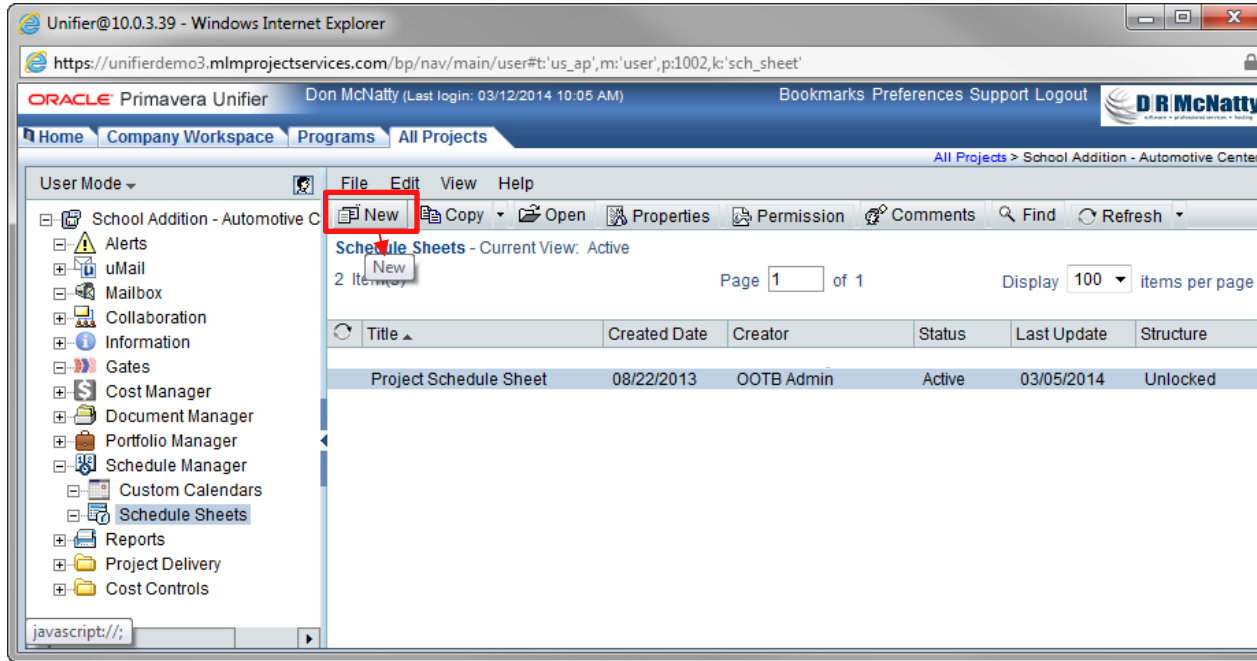


# Fundamentals of Unifier Schedule Module

## Part of the Cost Control Pre-Configured Package

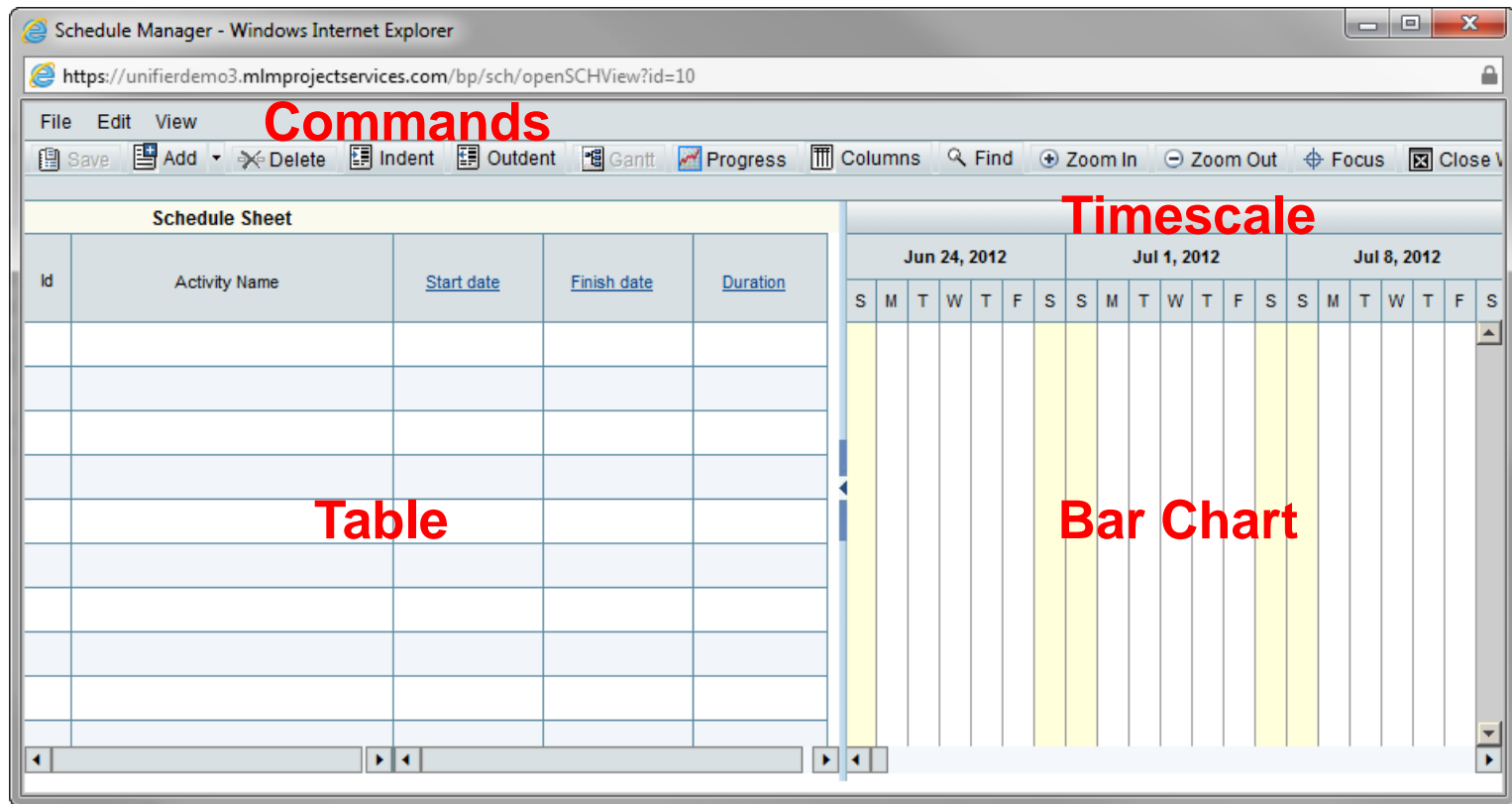
- Administrator creates a Schedule Sheet Template.
- Multiple Schedule Sheets can be created but only one is the “Master”.
- The Master Schedule Sheet integrates with other modules.
  - Cash flow requires integration between Schedule and Cost Sheets.
- Supports adding activities, durations, relationships.
- Indicates a “critical path”.
- Also supports importing schedules from P6, MSP and CSV files.

# Create a Schedule in Unifier

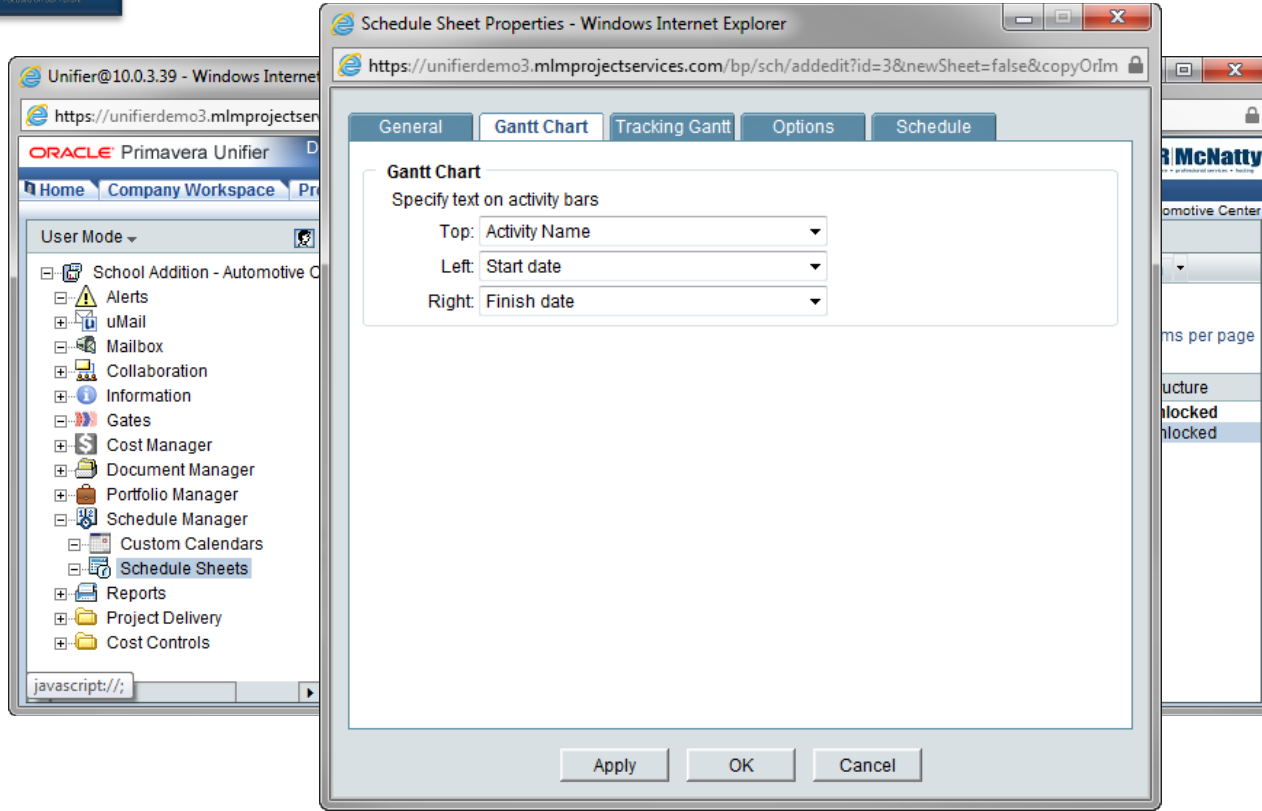


- Within a project, under Schedule Manager, create a New Schedule Sheet.
- Unifier allows multiple Schedule Sheets in a project but only one can be the “Master Sheet”.
- You can select the Schedule Sheet to integrate with P6.
- Other schedule sheets might be versions or copies

# Blank Schedule Sheet

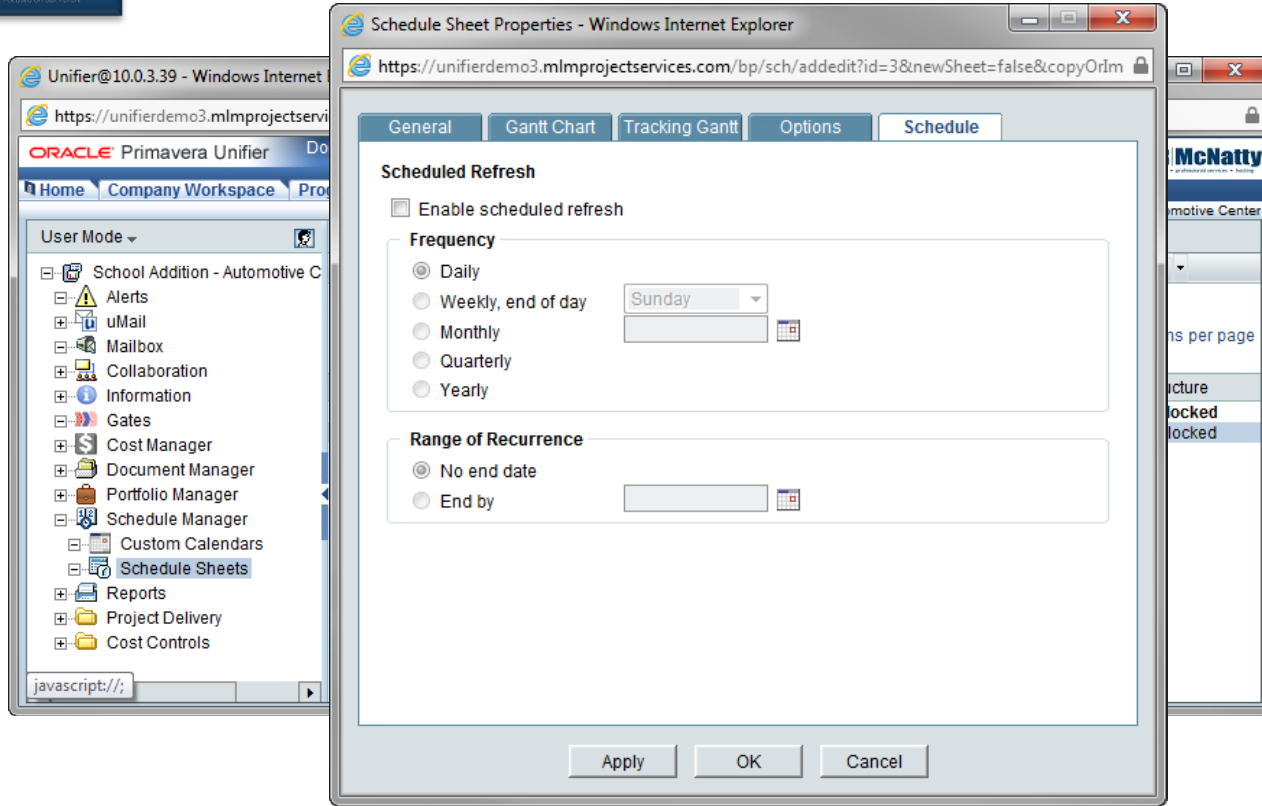


# Create a Schedule in Unifier



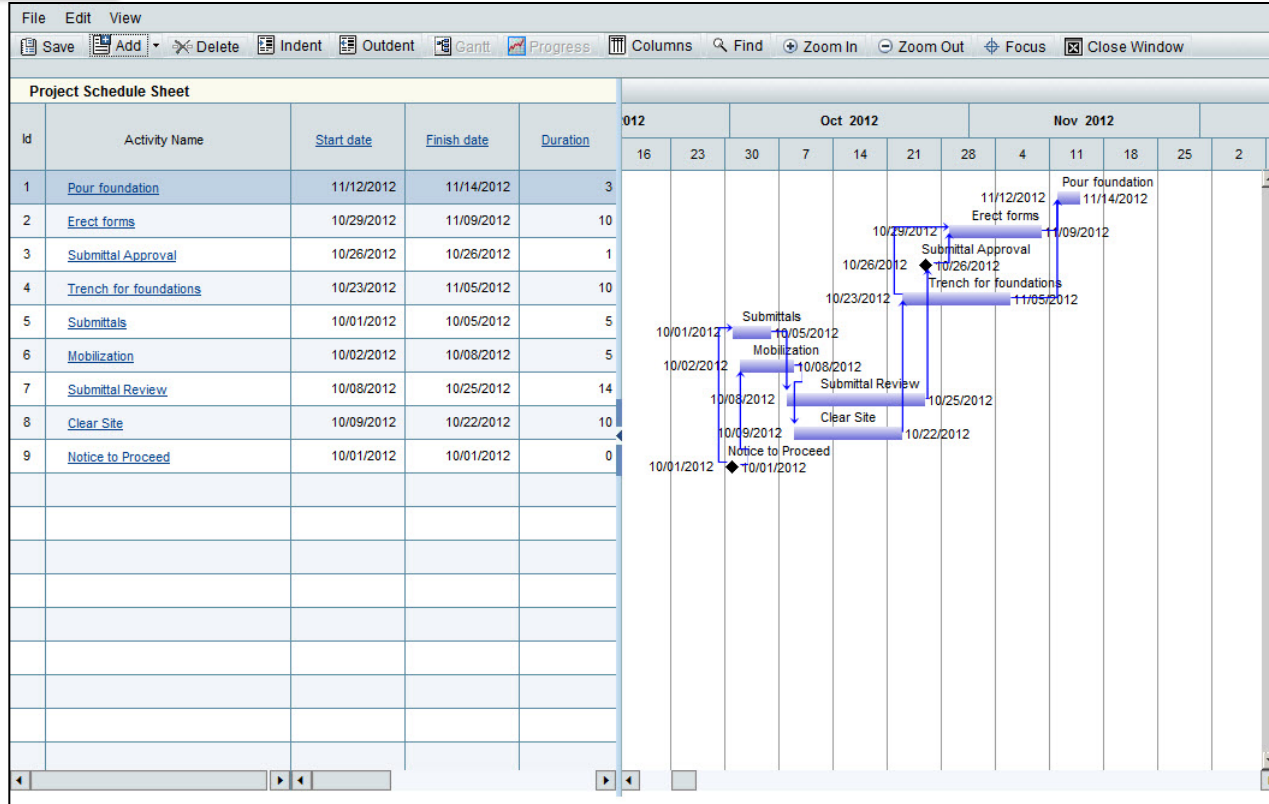
- Set up Properties
- General
- Gantt Chart

# Create a Schedule in Unifier



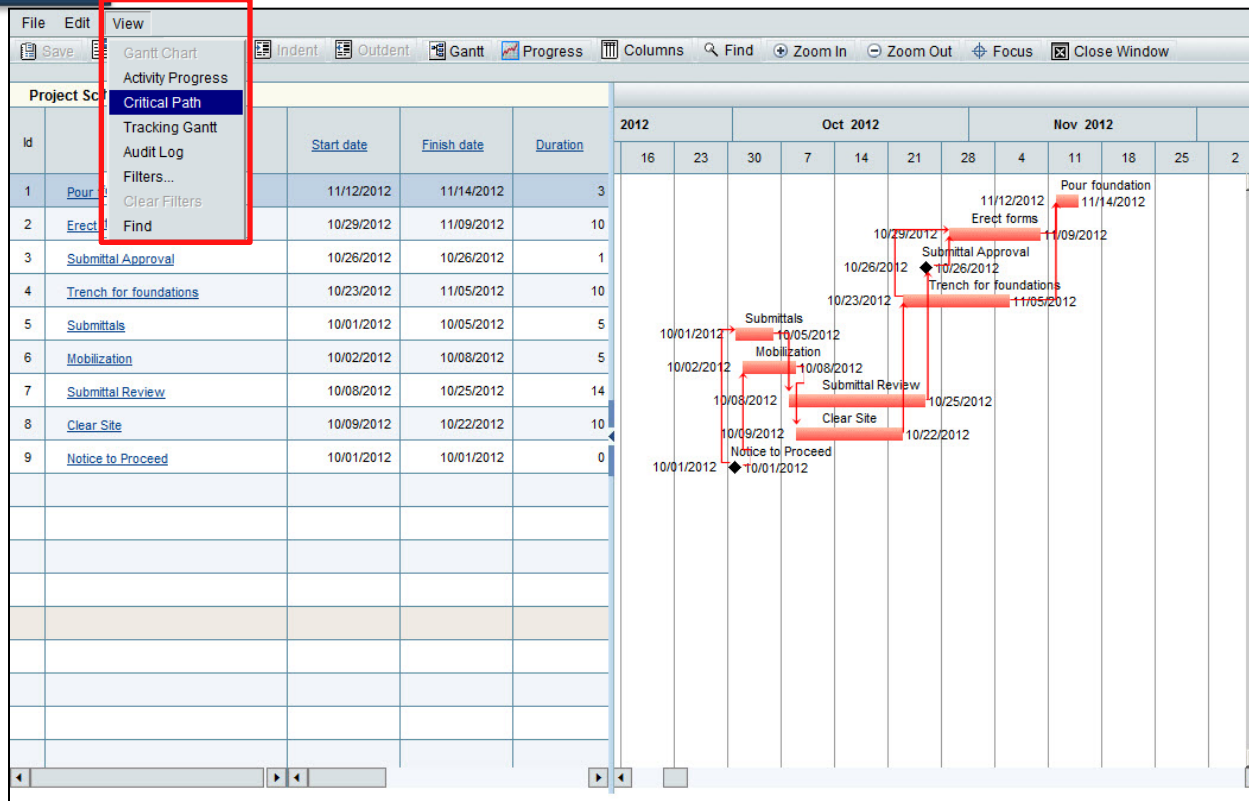
- Set up Properties
- General
- Gantt Chart
- Tracking Gantt (Target)
- Options
- Schedule (auto update)

# Create a Schedule in Unifier



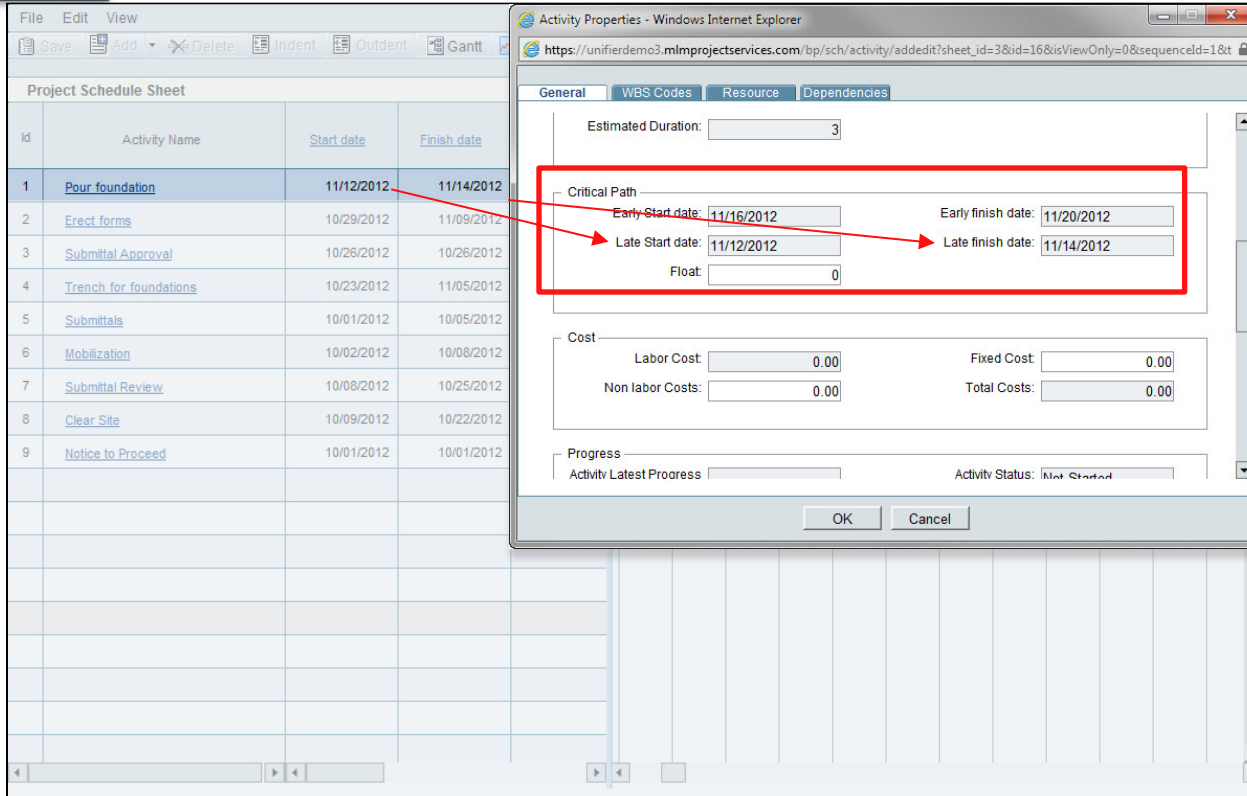
- Notice to Proceed was the first activity entered.
- Activities automatically renumbered as more added
- Id is the default sort.
- Milestones display as diamonds but use a one day duration.
- Calculates automatically as relationships (predecessors only) are added.
- No indication of driving/non-driving relationships or float.

# Creating a Schedule in Unifier



- View, Critical Path – displays a critical path.
- Could not find any details on how Unifier calculates the Critical path.
- Could not verify that it uses the same Forward/Backward algorithm as P6.
- Noticed that all activities displayed red (critical).

# Creating a Schedule in Unifier

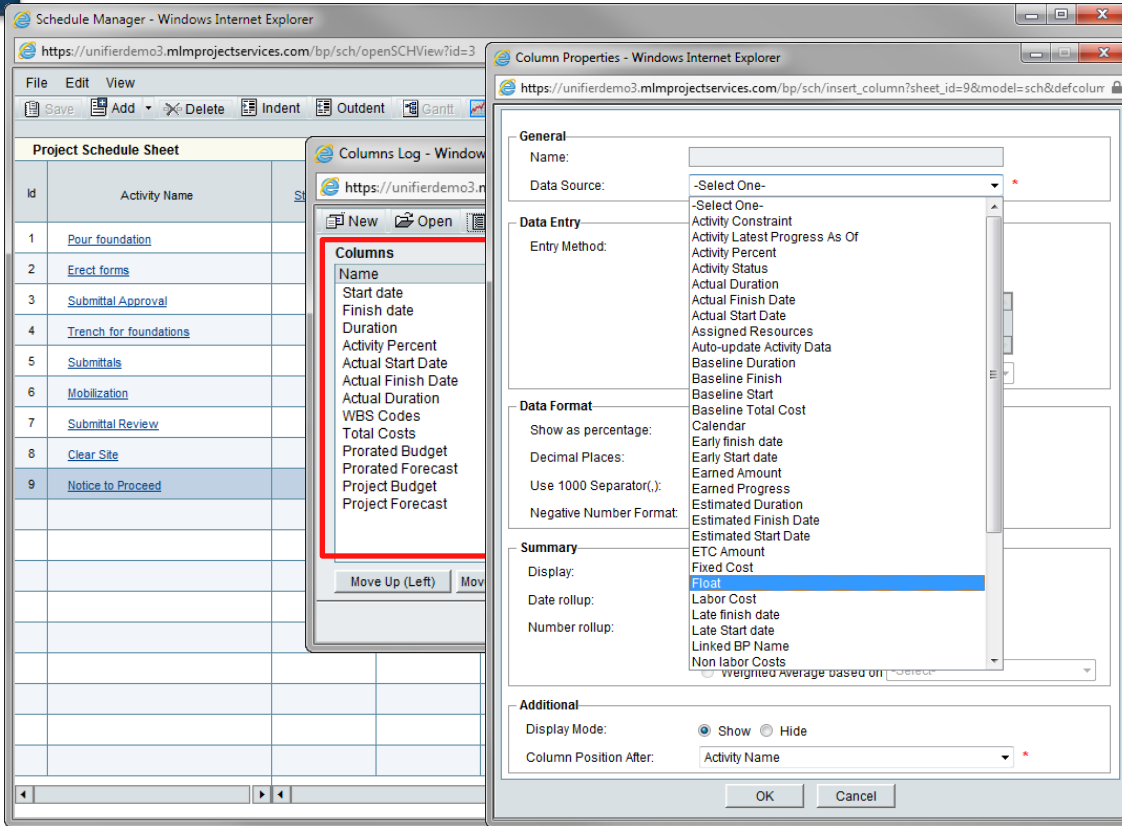


The screenshot shows the 'Project Schedule Sheet' and the 'Activity Properties' dialog box. The 'Project Schedule Sheet' is a table with columns: Id, Activity Name, Start date, and Finish date. The 'Activity Properties' dialog box is open for the activity 'Pour foundation' (Id 1). The 'General' tab is selected, showing the 'Estimated Duration' as 3. The 'Critical Path' section is highlighted with a red box, and arrows point to the 'Early Start date' (11/16/2012), 'Late Start date' (11/12/2012), 'Early finish date' (11/20/2012), and 'Late finish date' (11/14/2012). The 'Float' is set to 0. The 'Cost' section shows 'Labor Cost' (0.00), 'Non labor Costs' (0.00), 'Fixed Cost' (0.00), and 'Total Costs' (0.00). The 'Progress' section shows 'Activity Latest Progress' and 'Activity Status' (Not Started).

Id	Activity Name	Start date	Finish date
1	Pour foundation	11/12/2012	11/14/2012
2	Erect forms	10/29/2012	11/09/2012
3	Submittal Approval	10/26/2012	10/26/2012
4	Trench for foundations	10/23/2012	11/05/2012
5	Submittals	10/01/2012	10/05/2012
6	Mobilization	10/02/2012	10/08/2012
7	Submittal Review	10/08/2012	10/25/2012
8	Clear Site	10/09/2012	10/22/2012
9	Notice to Proceed	10/01/2012	10/01/2012

- Check the detail screen on each activity for dates.
- The Detail window indicates that Late Dates are earlier than Early Dates!
- It turns out that the Detail window reverses the dates - can correct with uDesigner.
- The Float value is zero (0) even though there is a variance between Early and Late Dates.

# Actual Dates & Modifying Columns



The screenshot shows two windows from the Schedule Manager application. The left window, titled "Schedule Manager - Windows Internet Explorer", displays the "Project Schedule Sheet" with a table of activities. The right window, titled "Column Properties - Windows Internet Explorer", shows the "Columns" dialog box. The "Columns" dialog has a "New" button highlighted with a red rectangle. The "Data Entry" section lists various data sources, and the "Data Format" section shows the "Float" option selected for the "Display" field.

Id	Activity Name
1	<a href="#">Pour foundation</a>
2	<a href="#">Erect forms</a>
3	<a href="#">Submittal Approval</a>
4	<a href="#">Trench for foundations</a>
5	<a href="#">Submittals</a>
6	<a href="#">Mobilization</a>
7	<a href="#">Submittal Review</a>
8	<a href="#">Clear Site</a>
9	<a href="#">Notice to Proceed</a>

**Columns**

- Name
- Start date
- Finish date
- Duration
- Activity Percent
- Actual Start Date
- Actual Finish Date
- Actual Duration
- WBS Codes
- Total Costs
- Prorated Budget
- Prorated Forecast
- Project Budget
- Project Forecast

**Column Properties**

**General**

Name:

Data Source:

**Data Entry**

Entry Method:

**Data Format**

Show as percentage: ☐

Decimal Places:

Use 1000 Separator(.): ☐

Negative Number Format:

**Summary**

Display: ☒ Show ☐ Hide

Date rollop:

Number rollop:

**Additional**

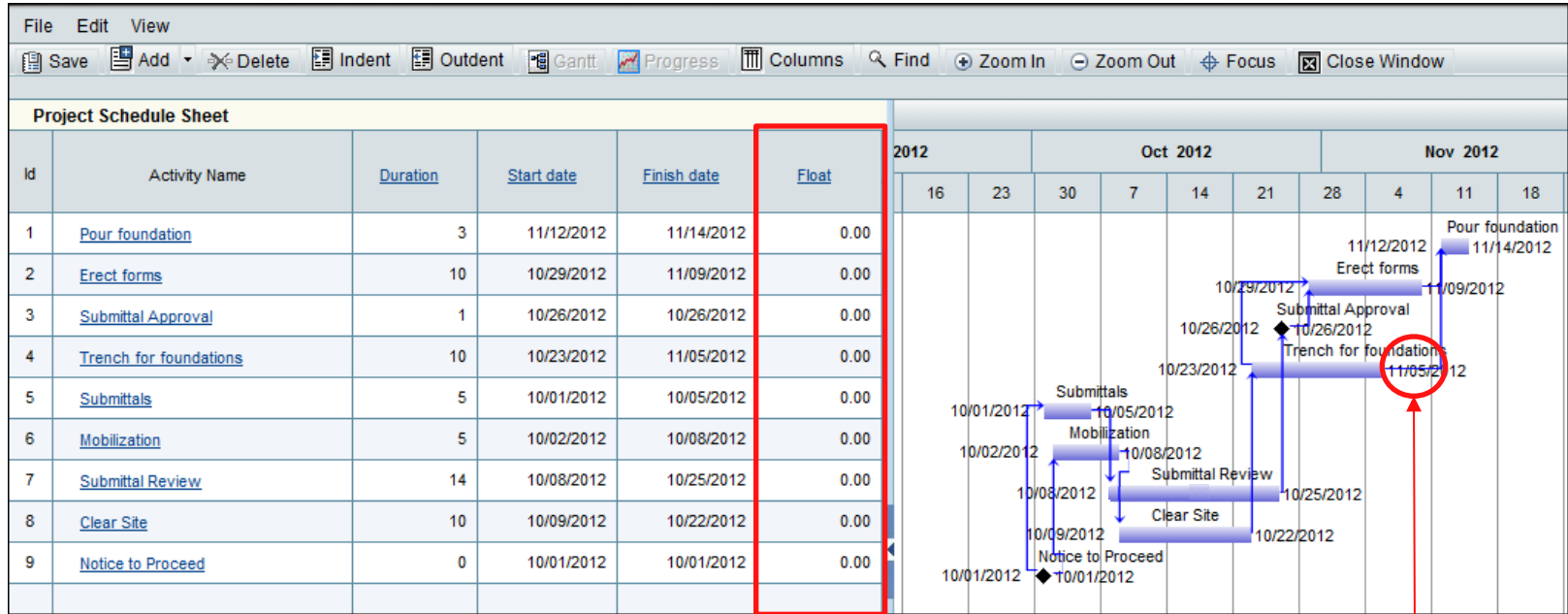
Display Mode: ☒ Show ☐ Hide

Column Position After:

OK Cancel

- The Schedule Sheet Template that is included with the “Pre-Configured Packages” includes columns for entering Actual Dates.
- Recalculation after entering actual dates is automatic
- The Columns icon provides ability to change columns.
- Use “New” button to add more columns.

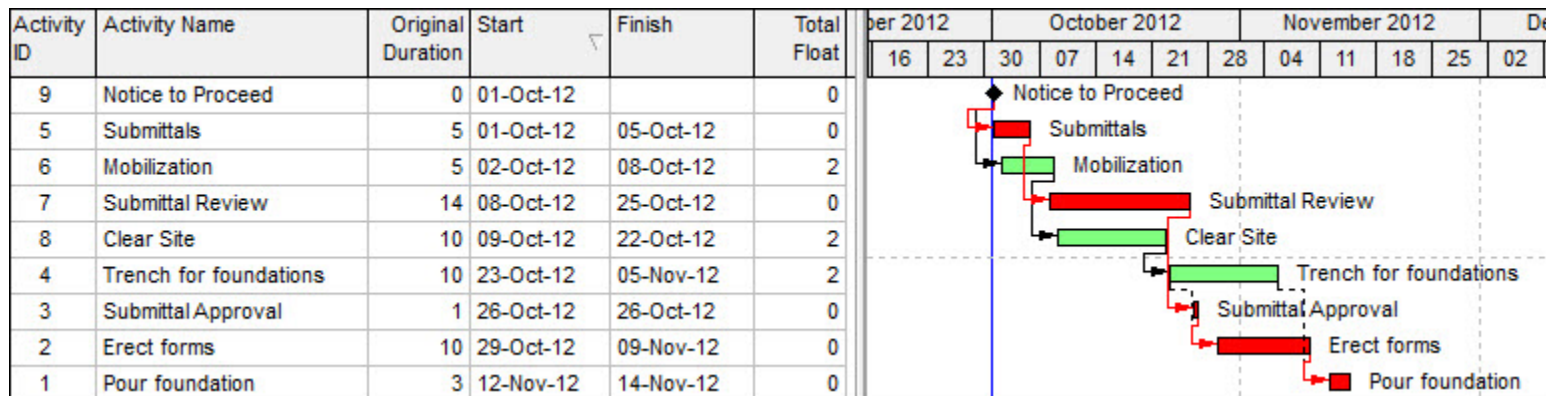
# Added Float Column to Layout



- Added Float column.
- Note that all Float = 0 (Zero)

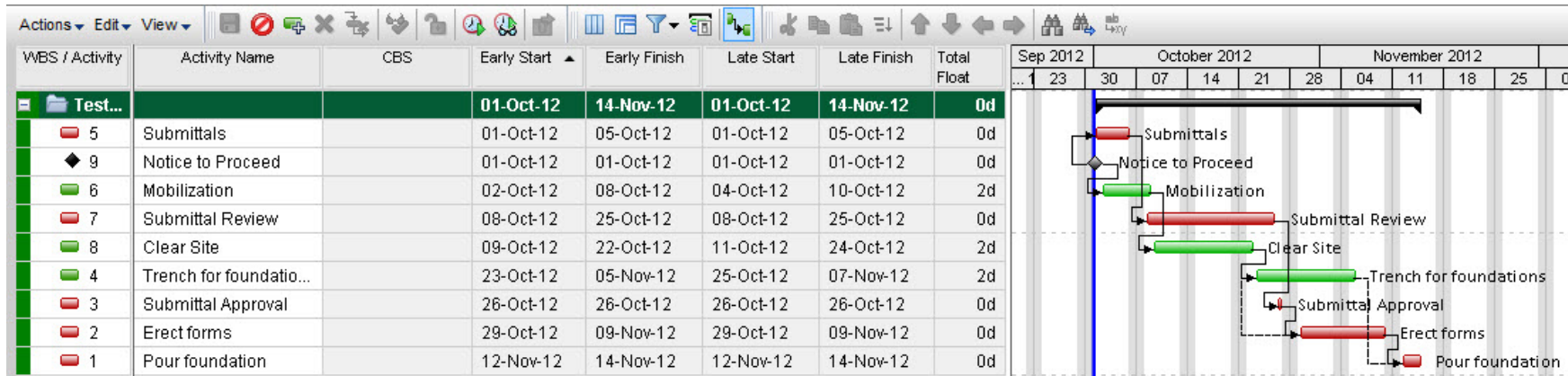
The path through Mobilize, Clear & Trench should have 2 days of Float

# The same schedule in P6



- Manually added the same activities with the same ID's in P6.
- The Submittal Approval Milestone (Activity 3) had to have a 1 day duration to match the Unifier calculation.
- P6 correctly calculates and displays Total Float.
- P6 provides sort based on Early Start.

# Same schedule in P6 EPPM (Web)



- P6 Web also shows correct dates, bars and float.
- This is the manually created schedule in P6.
- In the next section we'll show how this schedule, created in P6, can be easily transferred to Unifier to drive Unifier cash flow graphics and reports.



# Perspective on CPM Schedules in Unifier

I would not attempt to build a true CPM schedule in Unifier

- While some calculations appear to be incorrect, they can be corrected or re-labeled using uDesigner in Unifier.
- Unifier Bar Charts can be built using activities and relationships.
- This is a simple way to create a bar chart to drive cash flow diagrams.
- If simple bar charts to drive cash flow are all you need, then you can avoid having to use an external scheduling tool.
- You can have the best of both worlds by allocating Unifier Costs in P6 and then “Sending” the dates/allocation into Unifier.

# Other Integration Capabilities

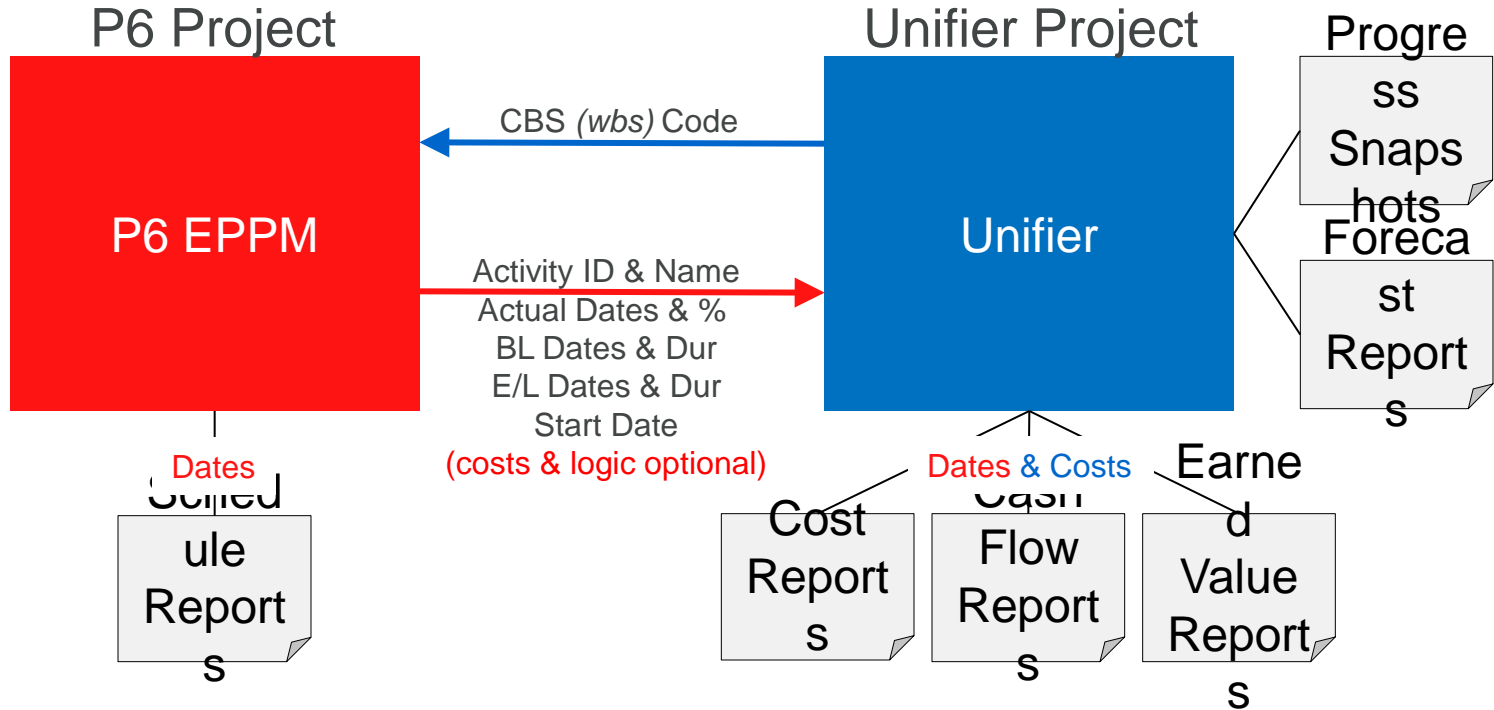
Manually import schedules from following formats

Data Format	Data mapping requirements
CSV	Requires mapping: you can select the mapping when you upload the file.
MPP	Mapping is not required. Import limited to Start & Finish Date, Duration.
Primavera XML	Requires default data mapping.
MS Project SML	Requires mapping: you can select the mapping when you upload the file.



# Fundamentals of P6-Unifier Integration

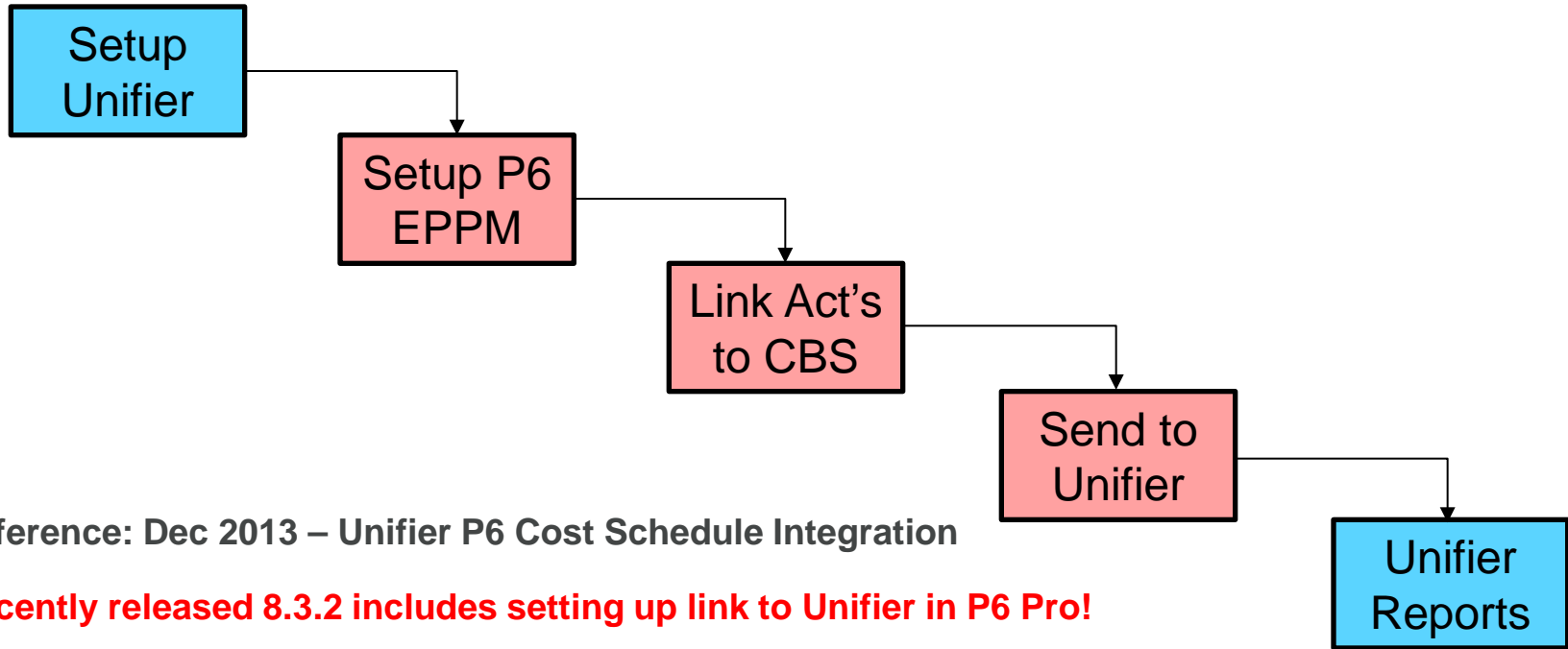
Based on “Base Product” P6 EPPM 8.3 and Unifier 9.13 (8/2013)





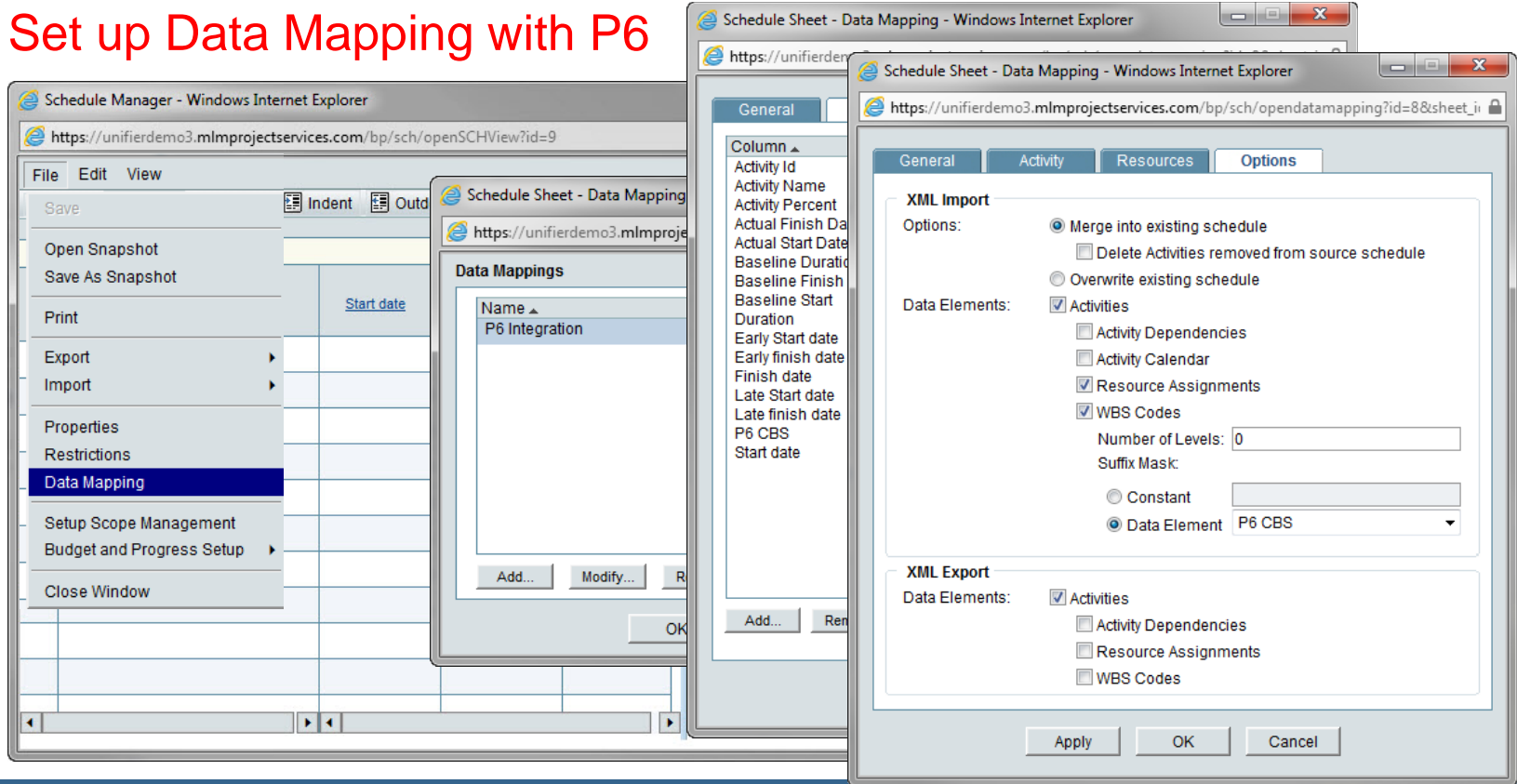
# Integration Process

Based on “Base Product” P6 EPPM 8.3 and Unifier 9.13 (8/2013)



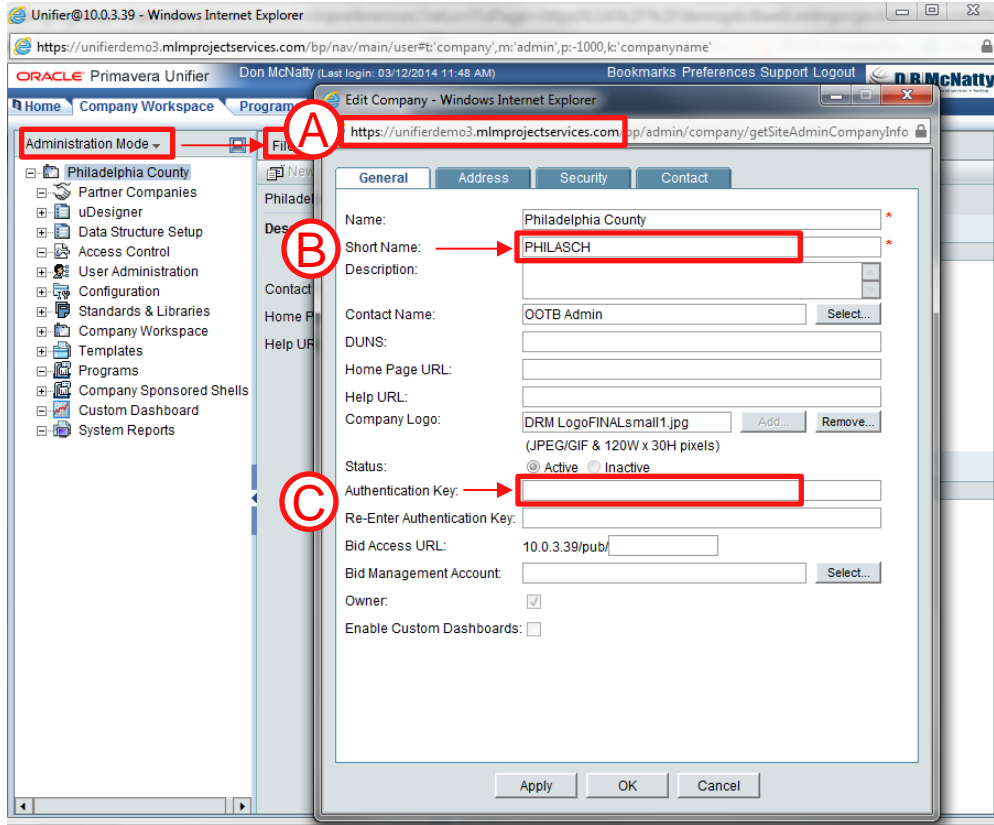
# Create a Schedule Sheet in Unifier

## Set up Data Mapping with P6



The screenshot displays the Unifier Schedule Manager interface with the 'Data Mapping' menu item selected. The 'Schedule Sheet - Data Mapping' dialog box is open, showing the 'General' tab. The 'Data Mappings' section lists 'P6 Integration' as the selected mapping. The 'XML Import' section shows the 'Merge into existing schedule' option selected, with 'Activities' checked under 'Data Elements'. The 'XML Export' section also shows 'Activities' checked under 'Data Elements'. The 'Options' tab is visible, showing 'Merge into existing schedule' selected, 'Delete Activities removed from source schedule' unchecked, 'Overwrite existing schedule' unchecked, 'Activities' checked, 'Activity Dependencies' unchecked, 'Activity Calendar' unchecked, 'Resource Assignments' checked, 'WBS Codes' checked, 'Number of Levels' set to 0, 'Suffix Mask' set to 'P6 CBS', and 'Data Element' set to 'P6 CBS'.

# Make a note of values needed in P6



- Go to Company Workspace Tab
- Be in Administrator Mode
- File, Open

A – The Unifier URL

B – The Company “Short Name”

C – The “Authentication Key”  
(you may need to see your Unifier Administrator for this).

# P6 configuration must be done in EPPM

## Administer, Application Settings, General

**ORACLE Primavera P6** Welcome, Don McNatty Administer Print Help Logout

Dashboards Portfolios Projects Resources

**Application Settings**

**General**

**Data Limits**

**Earned Value**

**General**

**ID Lengths**

**Reports**

**Services**

**Timesheets**

**Time Periods**

**Starting Day of Week**  
First day of week for calendars  
Sunday

**Activity Duration**  
Default duration for new activities  
5d

**Code Separator**  
Specify the character for separating concatenated codes. It is also the default WBS Code separator for new projects.  
.

**Industry Selection**  
Select the industry to use for terminology and default calculation settings in the P6 Professional module.  
Engineering and Construction

**Password Policy**  
☐ Enable The password policy requires a minimum length of 8 characters and at least one number and one letter in a user's password.

**Document Management**  
Enter the P6 URL to enable users to view content repository documents in the P6 Professional module.  
P6 URL

**Contract Management**  
Enter the Contract Management URL to enable access to Contract Management from P6.  
http://206.82.209.228:80

**Primavera Unifier**  
Enter the Primavera Unifier URL and credentials to enable Primavera Unifier link to P6.  
Primavera Unifier URL  
https://unifierdemo3.mimprojectservices.com  
Company Short Name  
PHILASCH  
Authentication Code  
\*\*\*\*\*

**Online Help**  
Enter the Online Help URL for the P6 Professional module.  
http://docs.oracle.com/cd/E35157\_01/client\_help/  
☐ Always launch Online Help for the F1 shortcut key and context-sensitive help

Save Save and Close Cancel

# P6 configuration must be done in EPPM

Administer, Application Settings, General

Primavera Unifier

Enter the Primavera Unifier URL and credentials to enable Primavera Unifier link to P6.

Primavera Unifier URL

**A**

Company Short Name

**B**

Authentication Code

**C**

# In P6 (Web or Pro)

Add the CBS Column to your layout to populate Costs (optional)

**ORACLE Primavera P6**

Dashboards ▾ Portfolios ▾ **Projects ▾** Resources ▾

EPS Activities Workspace Team Usage Issues Documents Risks

**Activities of Test Unifier Scheduler**

WBS / Activity	Activity Name	CBS
Te...		
5	Submittals	
9	Notice to Proceed	
6	Mobilization	
7	Submittal Review	
8	Clear Site	02~~02100S ...
4	Trench for foundations	02~~02100S
3	Submittal Approval	
2	Erect forms	03~~03300S
1	Pour foundation	03~~03300S

**Select CBS**

Search

- 01 - General Construction Requirements
  - 02050D - Basic Site Materials
  - 02100S - Excavation**
  - 02300S - Earthwork & Landscaping
  - 02500S - Utility Services
  - 02700S - Bases and Pavings
  - 02950D - Site Restoration & Rehabilitation
- 03 - Concrete
- 04 - Masonry
- 05 - Metal
- 09 - Brick
- 15 - Piping

OK Cancel

...	October 2012	November 2012
...	01 07 14 21 28	04 11 18 25 02
2	0d	
2	0d	
2	0d	
2	2d	
2	0d	
2	2d	
2	2d	
2	0d	
2	0d	
2	0d	

... October 2012 ... November 2012

Submittals

Notice to Proceed

Mobilization

Submittal Review

Clear Site

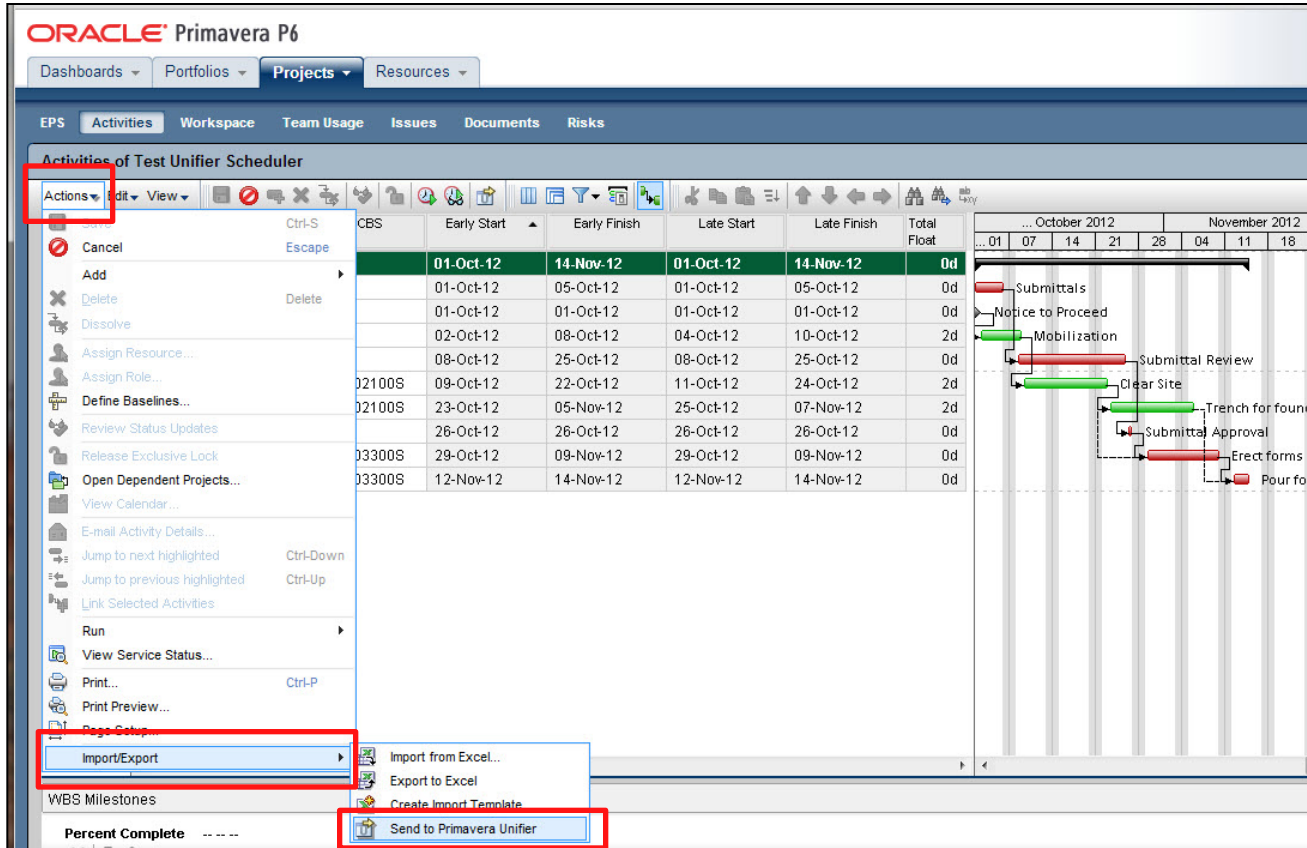
Trench for foundations

Submittal Approval

Erect forms

Pour foundation

# From P6 Web or Pro...



The screenshot shows the Oracle Primavera P6 interface. The 'Activities' tab is selected, displaying a Gantt chart for 'Activities of Test Unifier Scheduler'. The 'Actions' menu is open, showing various options. The 'Import/Export' option is highlighted, and the 'Send to Primavera Unifier' option is also highlighted.

	Early Start	Early Finish	Late Start	Late Finish	Total Float
01-Oct-12	14-Nov-12	01-Oct-12	14-Nov-12	0d	
01-Oct-12	05-Oct-12	01-Oct-12	05-Oct-12	0d	
01-Oct-12	01-Oct-12	01-Oct-12	01-Oct-12	0d	
02-Oct-12	08-Oct-12	04-Oct-12	10-Oct-12	2d	
08-Oct-12	25-Oct-12	08-Oct-12	25-Oct-12	0d	
09-Oct-12	22-Oct-12	11-Oct-12	24-Oct-12	2d	
23-Oct-12	05-Nov-12	25-Oct-12	07-Nov-12	2d	
26-Oct-12	26-Oct-12	26-Oct-12	26-Oct-12	0d	
29-Oct-12	09-Nov-12	29-Oct-12	09-Nov-12	0d	
12-Nov-12	14-Nov-12	12-Nov-12	14-Nov-12	0d	

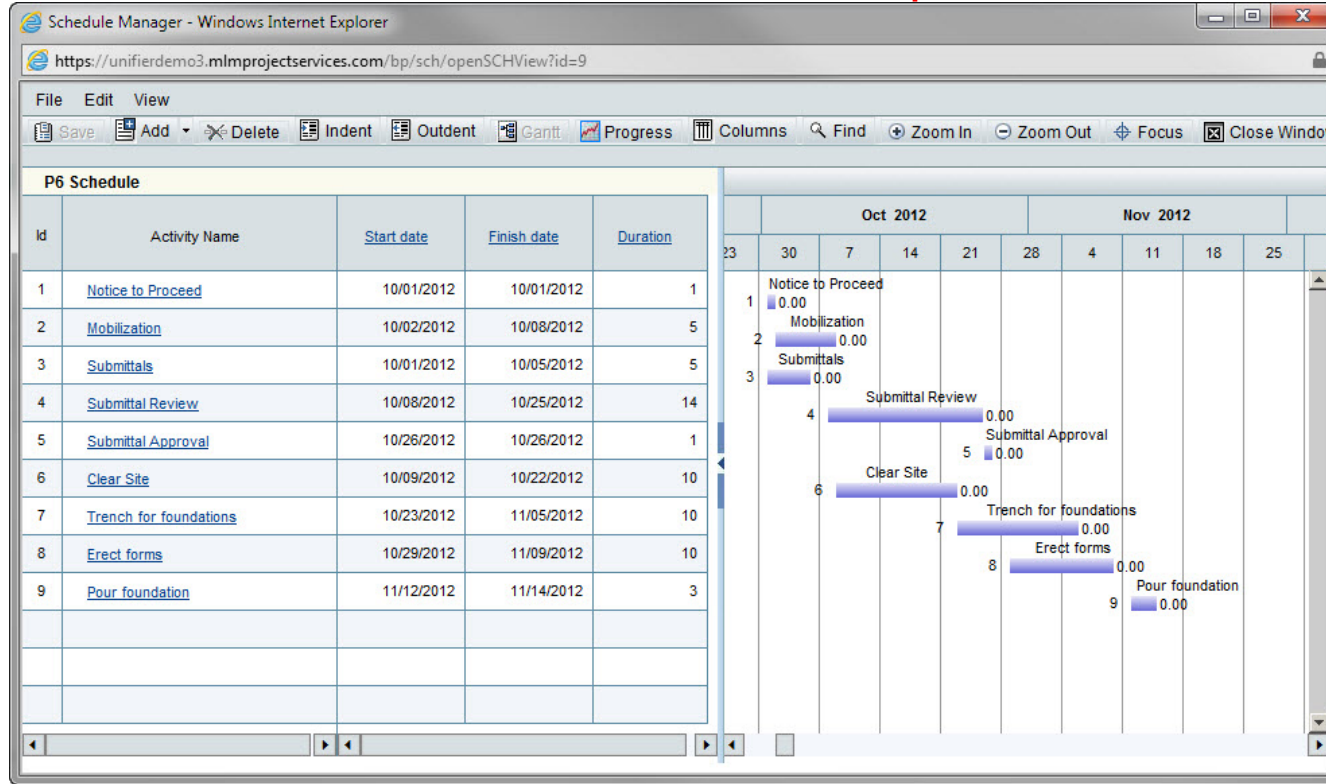
WBS Milestones

Percent Complete -- --

- From the Activities screen
- Actions, Import/Export
- Send to Primavera Unifier...

# P6 populates the Unifier “P6 Schedule Sheet”

Dates & Durations correct – did not import P6 float value



- The P6 Activity ID is stored in a separate Unifier field.
- The Schedule sheet can be updated based on current schedule.
- Schedule Sheets can be copied and saved as static versions of the schedule.

# Unifier Cash Flow driven by P6 schedule



- The P6 dates are driving the initial “Baseline”.
- I can filter out “Unassigned”.
- Using Unifier Business Processes I can develop other curves.
- Other P6 dates can also be brought in to drive other curves such as commitments.

# Integration Observations

Steps are straight-forward and worked smoothly from P6

- Setup required in P6 EPPM but can “send” from either EPPM or Pro.
- Unifier “costs” do not “import” to P6, you can only link an activity to a Unifier “CBS Code” (Cost Breakdown Structure).
- A Unifier Cost Code can be assigned to multiple activities in P6.
- A single activity on P6 can have only one Unifier Cost Code.
- “P6 Send to Unifier” can include cost allocations, earned value, resources and relationships.

# Best Practice Recommendation

- Manage Costs in Unifier
  - (Funding, Estimates, Budgets, Commitments, Spends, Forecasts, Earned...)
- Manage the Schedule in P6
  - (Planning, Baselines, Current Updates, Forecasts, Earned Value, As-built)
- Combine as needed to produce time distributions of Cost Data or reports that are linked to the “System of Record” for each element.
- Simplify Cost/Schedule/Earned value reporting through Integrated Reporting.

## Project Management

Functionality	P6 EPPM	P6 Pro	Primavera Unifier
<b>INITIATING</b>			
Templates	✓		✓
Project Import / Export (XER,P3, MPP, XLS)		✓	✓
Project Import / Export (Primavera and Ms Project XML)	✓	✓	✓
Assign project code values	✓	✓	
<b>PLANNING</b>			
Open multiple projects at once	✓	✓	
Create a Work Breakdown Structure (WBS)	✓	✓	
Create activities	✓	✓	✓
Import new activities from MS Excel	✓	✓	✓
WBS level Summary Activity	✓	✓	
Create activity steps	✓	✓	
Create relationships between activities	✓	✓	✓
Create cross-project relationships	✓	✓	
View activity relationships	✓	✓	✓
Assign constraints to activities	✓	✓	
Assign roles to activities	✓	✓	Unifier Roles Only
Assign resources to activities	✓	✓	Unifier Resources Only
Perform Critical Path Method (CPM) Scheduling	✓	✓	
Perform Resource Leveling	✓	✓	
Assign activity code values	✓	✓	
View activity notebook topics	✓	✓	
Interactive Gantt Chart	✓	✓	✓
Configurable Gantt Chart (bar labels and colors)	✓	✓	
Create Custom Filters	✓	✓	✓
<b>EXECUTING</b>			
Update activity dates	✓	✓	✓
Update remaining units or percent complete (%)	✓	✓	✓
Update activity steps & step UDFs	✓	✓	
Update activity notebook topics	✓	✓	
Update resource assignment details	✓	✓	
Update resource assignment actual units	✓	✓	✓
Update Expenses	✓	✓	
Update Notebook Topics	✓	✓	
Progress Spotlight	✓	✓	
<b>CONTROLLING</b>			
Run Schedule Checker	✓		
Use Schedule Preview	✓		
Perform Period Closeout	✓	✓	
Baselines	✓	✓	✓
Create Reflection Projects		✓	
Display Total Float	✓	✓	
Float Path Analysis	✓	✓	
Create and save Activity Layouts/Views	✓	✓	

- Compares Primavera Unifier Schedule functionality to P6 EPPM (web) and Pro (client)
- Float calculations in Unifier would preclude referring to it as capable of CPM calc.
- Above could be corrected through re-writing pre-packaged content.



# Questions

All questions are gathered into a master sheet, answered and distributed to all registrants as well as posted on our website.

- Answers are based on our own experiences using the various software products related to your questions.

## Thank you for participating

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# UPCOMING EVENTS



**COLLABORATE14**  
TECHNOLOGY AND APPLICATIONS FORUM  
FOR THE GRACILE COMMUNITY



April 7-11, 2014  
The Venetian and  
Sands Expo Center  
Las Vegas, Nevada



**2014 ANNUAL MEETING - NEW ORLEANS**  
JUNE 15-18 AT THE SHERATON HOTEL



***The DRM/MLM  
team is  
participating in  
these  
upcoming  
events.***

***Hope to see  
you there!***

**CAPITAL  
PROJECTS  
SYMPOSIUM**  
*presented by*  
**CMAA**  
**MAY 4-6, 2014  
BALTIMORE, MD**





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