



Reporting Tool P6 Visualizer

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NASA Cost & Schedule Symposium, Aug. 14 2019

Biography

- Industry / Company Employment
 - Cobec Consulting Inc. (2017 – Present)
 - Kitchell (2008 – 2017)
 - Freescale Semiconductor (2004-2007)
- Education / Certification
 - BS, Chemical Engineering, KU
 - EIT, PMP, PSP
- Professional Experience
 - Sr. Consultant, Cobec, FAA TAMR program
- Something You Don't Know About Me
 - Avid user of MOS (My Oracle Support)



Introduction

- Release 8.3 of Oracle® Primavera P6SM in 2013 introduces P6 VisualizerSM.
- P6 Visualizer is a graphical reporting tool:
 - Gantt charts with Grid option
 - Timescaled Logic Diagram (TSLD)
 - Schedule Comparison (former Claim Digger)
- This overview is not exhaustive, but rather focuses on a few selected Visualizer features:
 - Stacked columns in Grid
 - List of steps as a field in the activity table
 - Zoomed area within existing timescale in TSLD
 - Formatted bars and labels

Introduction

- Layouts are created using
 - P6 Visualizer with Primavera P6 Professional 18.8.2
 - P6 database hosted in MS SQL Server 2014
 - Sample P6 data for engineering and construction
- Also applicable to:
 - Oracle Primavera EPPM
 - Oracle P6 database
 - SQLite P6 database
- P6 users can follow instructions in this presentation using P6 Visualizer release 16.1 and later

Presentation Outline

- P6 Visualizer Overview
 - Launching & Access Options
 - Features & Issues Resolved
- P6 Visualizer Layouts
 - Gantt 'Activities with Steps and Notes'
 - TSLD 'Baseline Comparison'
 - Schedule Comparison
- P6 Visualizer Print Options
 - XML & batch file samples
 - List of steps as a field in the activity table
 - Automation via Windows Task Scheduler
- Conclusion
- Questions / Comments

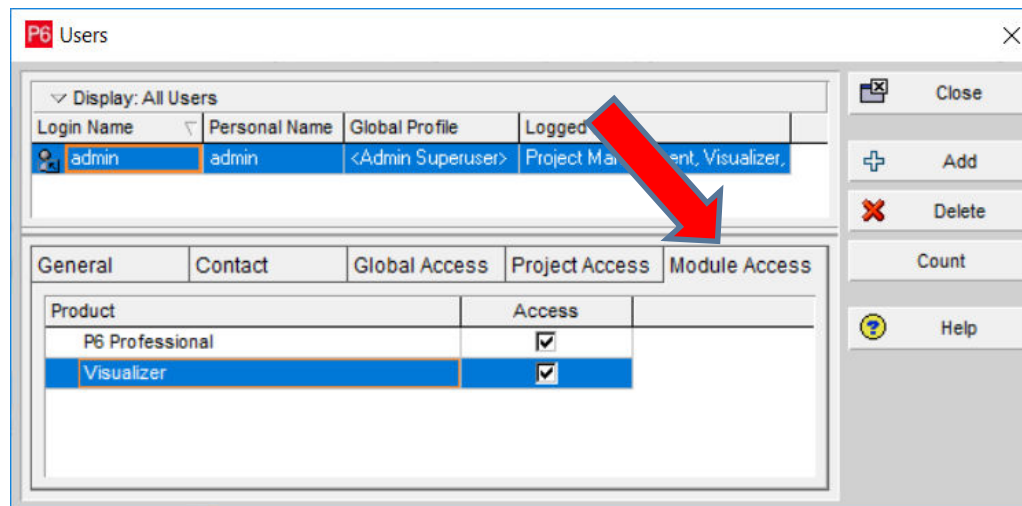


P6 Visualizer Overview

Launching & Access Options
Features & Issues Resolved

Launching & Access Options

- Visualizer is a desktop application included as part of P6 installation.
- With release 15.1, P6 Administrators can control permission to Visualizer via **Module Access**:



- Launch from Start menu or via P6 Tools -> Visualizer.

Launching & Access Options

- Click +
- Select layout type
- Select project
- Move it to the right
- Click Next

ORACLE Primavera P6 Visualizer

Create or Open Gantt Diagram

1. Select your projects 2. Choose your layout

Available Projects

Enterprise	All Initiatives
AACE Int	Education Board
E&C	Engineering & Construction
EC00501	Haitang Corporate Park
EC00515	City Center Office Building Additio
EC00530	Nesbid Building Expansion
EC00610	Harbour Pointe Assisted Living Ce
EC00620	Juniper Nursing Home
EC00630	Saratoga Senior Community
Energy	Energy Services
Manufacturing	Manufacturing
ProdDev	Product Development
Corporate	Corporate Programs
IT	Information Technology

Selected Projects

EC00530	Nesbid Building Expansion
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Help Cancel Next >

Launching & Access Options

- Type name
- Click Draw

ORACLE Primavera P6 Visualizer

+

?

More ▾

Create or Open Gantt Diagram

1. Select your projects

2. Choose your layout

Create new Create new from existing Open from existing

Name:

Layout	Type	Project ID	Project Name
Global (8 items)			
Project (1 item)			
User (4 items)			

Help < Back Cancel Options Draw

Features

- Oracle Learning Library (OLL) contains training content for Visualizer: <https://oracle.com/goto/oll>

Version	Visualizer New Features
8.3	New tool is released to enable creation of customizable Gantt charts and timescaled logic diagrams for time-based reporting.
8.4	New functionality enables user to add legends to headers and footers, add shifts as date intervals, copy chart bar settings, and manage multiple layouts simultaneously.
15.1	Access to Visualizer can now be granted via Module Access section for P6 users; Visualizer layouts can be exported/imported in .vlf file type, as well as imported from P6 layout files with the .plf file type.
16.1	Schedule Comparison (formerly known as Claim Digger) is launched in P6 Visualizer.

Issues Resolved

- All subsequent patch sets include the fixes from prior patch sets.
- These four bugs have been corrected across several releases of P6:

Version	Bug ID	Title/Issues Resolved
17.12.1 16.2.12.0	27332090 27332080	Error when removing search in Visualizer then selecting Add
17.12.1 16.2.12.0 15.2.17.0	27294403 27294333 24965437	Visualizer grouping in Group & Sort disappears at refresh after choosing blank
17.11.0 16.2.10.0	26819889 26115433	Filter is not applied in the Visualizer layout
16.2.10.0 15.2.16	26647087 25741977	Visualizer fails to connect to database over SSL protocol (db direct connection)



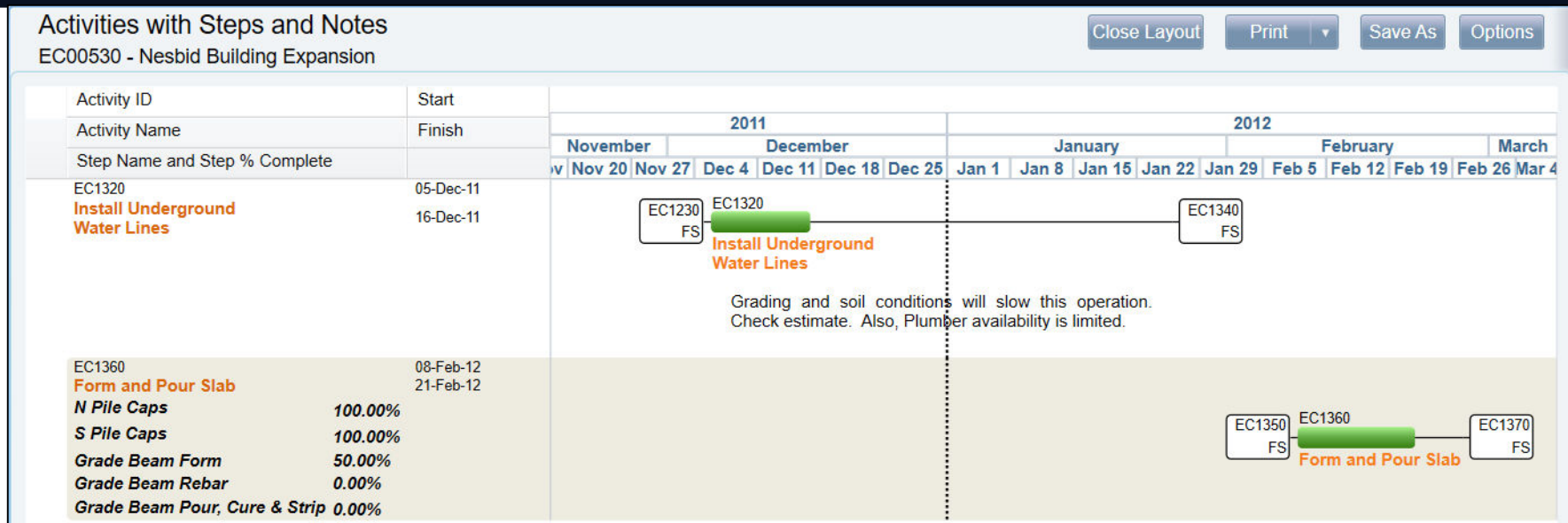
P6 Visualizer Layouts

Gantt 'Activities with Steps and Notes'

TSLD 'Two Week Look Ahead'

Schedule Comparison

'Activities with Steps and Notes'



- Filters are applied to activities (steps/notes only)
- Activities filtered out are shown as a reference
- Custom formatting is applied to labels
- Timescale is customized
- Grid columns are stacked

'Activities with Steps and Notes'

The screenshot displays the 'Activities with Steps and Notes' interface for project 'EC00530 - Nesbid Building Expansion'. The 'Filters' tab is active, showing a search bar and a list of filters. The 'Activities with Steps' filter is selected and highlighted in blue. Below the list, the 'Details' section for the selected filter shows the following configuration:

- Filter Name: Activities with Steps
- Buttons: Add, Delete, Copy, Paste, Up, Down, Left, Right
- Display activities that match: any of the following rules
- Rules:
 - Steps Completed is greater than 0
 - Steps In Progress is greater than 0
 - Steps Not Started is greater than 0

- Options -> Filters tab
- Custom filter 'Activities with Steps'

'Activities with Steps and Notes'

Activities with Steps and Notes
EC00530 - Nesbid Building Expansion

Chart & Grid | Timescale | Bars & Labels | Lines | Group & Sort | **Filters** | Page Setup

Show all activities

Show activities that match:

All selected filters
 Any selected filters

Search:

+ Add | X Delete | Copy | Paste | Move to Global | Clear All

Filter Name	Apply	
Activities with Notes	<input checked="" type="checkbox"/>	X

Details

Filter Name
Activities with Notes

Add | Delete | Copy | Paste | ↑ | ↓ | ← | →

Display activities that match any of the following rules

Activity ID | equals | EC1320

- Options -> Filters tab
- Custom filter 'Activities with Notes'

'Activities with Steps and Notes'

Activities with Steps and Notes
EC00530 - Nesbid Building Expansion

Chart & Grid | Timescale | Bars & Labels | **Lines** | Group & Sort | Filters | Page Setup

Relationships | **Connections** | Data Date | Activity Group

Show connection details for all visible activities
 Show external relationships
 Show filtered activities

Fields

Show Project ID
 Hide for internal relationships
 Show Activity ID
 Show lag
 Only show when not equal to zero
 Show relationship type

Shape

Fill: Width: 0.00

Border

Color: Thickness (pt): 1.00 Style: Cap Style: Flat

Font

Font Family: Arial Font Style: Regular Size: 10 Color:

- Options -> Lines tab -> Connections sub-tab
- 'Show filtered activities' section

'Activities with Steps and Notes'

Activities with Steps and Notes
EC00530 - Nesbid Building Expansion

Close Layout Refresh Cancel Save Save & Draw

Chart & Grid Timescale **Bars & Labels** Lines Group & Sort Filters Page Setup

Available Bars
+ Copy ✕ ↑ ↓
Show
 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary
 Global Labels ✕

Global Labels **Bars View** Labels View

Activity ID

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

Activity Name
Anticipated...

Full Preview

Activity ID

12-Bottom Left Center Labels
+ ✕ ↑ ↓
Activity Name
Anticipated Problems ✕
Arrangement: Vertical Horizontal

Properties
Label Width 325
Label Height 50
Apply To All

- Options -> Bars & Labels tab
 - 'Global Labels' in Available Bars section
 - Add Anticipated Problems under Notebook Topics grouping
 - Set label's position and formatting (as shown)

'Activities with Steps and Notes'

Activities with Steps and Notes
EC00530 - Nesbid Building Expansion Close Layout

Chart & Grid **Timescale** Bars & Labels Lines Group & Sort Filters Page Setup

Primary +

General

Start
Project Start +20 Weeks 18-Nov-11
Date

Finish
Project Finish -20 Months 08-Mar-12

Styling

Font Family: Arial
Font Style: Bold
Size: 12
Color: [Color Picker]

Background Color: [Color Picker]

Background

Row	Top	Type	Date Interval	Shift Calendar	Sight Lines	Interval Frequency	Style
1	<input checked="" type="checkbox"/>	Calendar	Year		<input checked="" type="checkbox"/>	1	[Dotted Line Style]
2	<input checked="" type="checkbox"/>	Calendar	Month		<input type="checkbox"/>	1	[Solid Grey Line Style]
3	<input checked="" type="checkbox"/>	Calendar	Week		<input type="checkbox"/>	1	[Solid Grey Line Style]

- Options -> Timescale tab
 - Define Start / Finish in General section (as shown)
 - Set 'Date Interval' in Background section

'Activities with Steps and Notes'

Activities with Steps and Notes
EC00530 - Nesbid Building Expansion

Close Layout Refresh Cancel Save Save & Draw

Chart & Grid Timescale Bars & Labels Lines Group & Sort Filters Page Setup

Content Row Header

Show: Gantt Chart & Grid Gantt Chart Grid

Grid Position
Left Show line numbers

+ Add X Delete Default

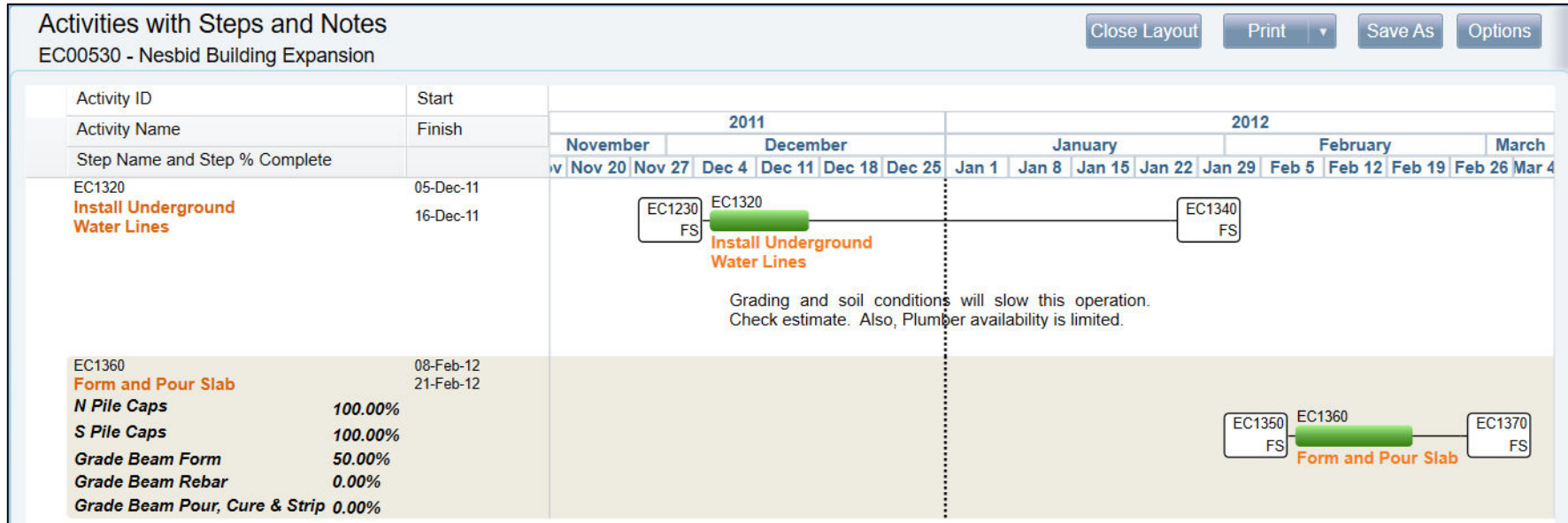
Field	Display Title	Column	Row	
Activity ID	Activity ID	1	1	
Activity Name	Activity Name	1	2	
Step Name and Step % Complete	Step Name and Step % Complete	1	3	X
Start	Start	2	1	
Finish	Finish	2	2	

Font

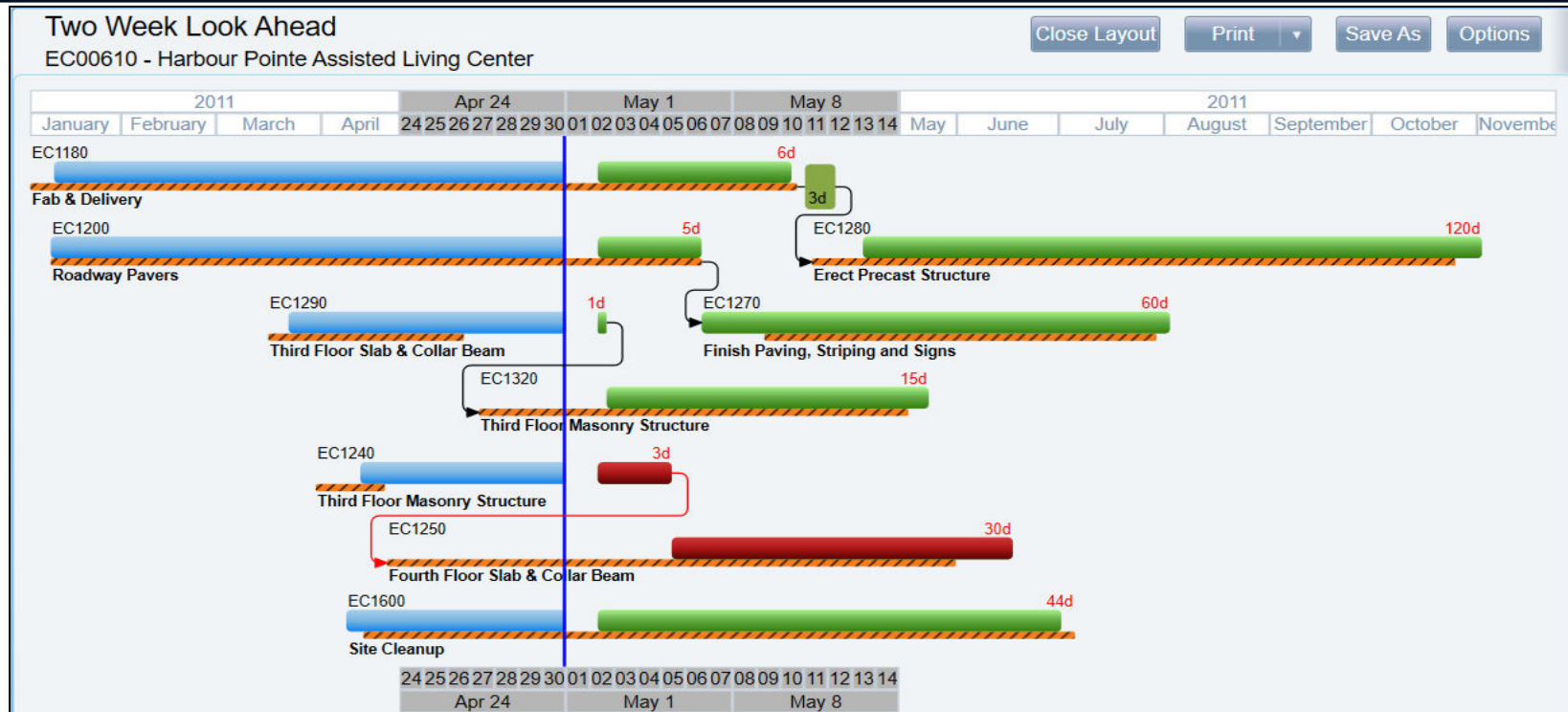
Font Family: Arial Font Style: Bold Italic Size: 12 Color: [Black]

- Options -> Chart & Grid tab -> Content sub-tab
 - Add and stack fields
 - Format fields
- Save & Draw!

'Activities with Steps and Notes'



'Two Week Look Ahead'



- Filter is applied to activities (2 weeks ahead)
- Zoomed area within timescale is displayed
- Activities are sorted in specified order
- Custom formatting is applied to labels and bars

'Two Week Look Ahead'

Two Week Look Ahead
EC00610 - Harbour Pointe Assisted Living Center

Timescale | Bars & Labels | Lines | Group & Sort | Filters | **Page Setup**

Page | Title Block | Spacing

Scaling

Timescale Scaling

Number of horizontal sheets

Resolution (inches/day)

Paper

Paper Size

Width

Height

Orientation:

Portrait Landscape

Show page breaks

Margins

Top

Bottom

Left

Right

- Options -> Page Setup tab -> Page sub-tab

cobec CONSULTING Scale to 1 'Letter' sized sheet

'Two Week Look Ahead'

The screenshot shows the 'Two Week Look Ahead' software interface. At the top, the title 'Two Week Look Ahead' and the project name 'EC00610 - Harbour Pointe Assisted Living Center' are displayed. Below this is a navigation bar with tabs for 'Timescale', 'Bars & Labels', 'Lines', 'Group & Sort', 'Filters', and 'Page Setup'. The 'Page Setup' tab is highlighted in orange. Underneath, there are sub-tabs for 'Page', 'Title Block', and 'Spacing'. The 'Spacing' sub-tab is selected, showing two settings: 'Maximum rows to move activity above a related activity' set to 4, and 'Line Spacing' set to 5. Both settings are shown in a dropdown menu format.

- Options -> Page Setup tab -> Spacing sub-tab
 - Set Line Spacing to '5' to maximize vertical space on the diagram

'Two Week Look Ahead'

The screenshot displays a software interface for configuring filters. The main title is 'Two Week Look Ahead' for 'EC00610 - Harbour Pointe Assisted Living Center'. The 'Filters' tab is active, showing a list of filters with '2 Weeks Ahead' selected. Below the list, the 'Details' section for the '2 Weeks Ahead' filter is expanded, showing three rules:

- Display activities that match any of the following rules
- Display activities that match all of the following rules
 - Start is less than Data Date +0 Days
 - Finish is greater than Data Date +0 Days
- Display activities that match all of the following rules
 - Start is greater than Data Date +0 Days
 - Start is less than Data Date +2 Weeks

- Options -> Filters tab

cobec CONSULTING Custom filter '2 Weeks Ahead'

'Two Week Look Ahead'

Two Week Look Ahead
EC00610 - Harbour Pointe Assisted Living Center

Timescale | Bars & Labels | Lines | **Group & Sort** | Filters | Page Setup

Group | **Sort**

+ Add | X Delete

Field Name	Sort Order	
BL Project Start	Ascending	X

- Options -> Group & Sort tab -> Sort sub-tab
 - Specify the order of activities displayed (as shown)

'Two Week Look Ahead'

Two Week Look Ahead
EC00610 - Harbour Pointe Assisted Living Center

Timescale | Bars & Labels | **Lines** | Group & Sort | Filters | Page Setup

Relationships | **Connections** | Data Date | Activity Group

Show connection details for all visible activities

Fields

- Show Project ID
- Hide for internal relationships
- Show Activity ID
- Show lag
- Only show when not equal to zero
- Show relationship type

Shape

Fill: Width: 0.00

Display relationship line inside the shape

Border

Color: Thickness (pt): 0.00 Style: Cap Style: Flat

Font

Font Family: Arial Font Style: Regular Size: 10 Color:

Show external relationships
 Show filtered activities

- Options -> Lines tab -> Connections sub-tab

'Show connection details for all visible activities'

'Two Week Look Ahead'

The screenshot displays a software interface for 'Two Week Look Ahead' at 'EC00610 - Harbour Pointe Assisted Living Center'. The interface includes a top navigation bar with 'Close Layout', 'Refresh', 'Cancel', 'Save', and 'Save & Draw' buttons. Below this is a 'Timescale' section with tabs for 'Bars & Labels', 'Lines', 'Group & Sort', 'Filters', and 'Page Setup'. The main workspace is divided into three panels: 'Available Bars' on the left, 'Project Baseline' in the center, and a properties panel on the right. The 'Available Bars' panel lists various bar types with checkboxes, including 'Project Baseline' which is selected. The 'Project Baseline' panel shows a single horizontal bar with a yellow and black striped pattern, a blue bar, and a red bar. The properties panel on the right is expanded to show the 'Fill' section, which includes options for 'Solid', 'Gradient', 'Color', 'Pattern', and 'Pattern Color'. The 'Pattern' dropdown is set to a yellow and black striped pattern.

- Options -> Bars & Labels tab -> Bars View
 - New bar with type 'Project Baseline' in Properties section
 - Set Row to '2' in Arrangement section
 - Set Height to '5' in Shape section (not shown)
 - Customize formatting in Fill section (as shown)

'Two Week Look Ahead'

The screenshot displays the 'Two Week Look Ahead' software interface for 'EC00610 - Harbour Pointe Assisted Living Center'. The 'Bars & Labels' tab is active, and the 'Labels View' is selected. The main workspace shows a grid of 15 activity bars, numbered 1 through 15. The top row (1-5) is labeled 'Activity ID' and the bottom row (11-15) is labeled 'Activity Name'. A red bar in the top row is labeled 'Remaining...'. A 'Full Preview' section at the bottom shows a bar with 'Activity ID' and 'Remaining Duration' labels. The right-hand side contains configuration panels: '4-Top Right Center Labels' with a 'Remaining Duration' label, 'Properties' with 'Wrap Text' checked, 'Maximum Number of Lines' set to 2, and 'Maximum Label Width' set to 100, and 'Font' settings with 'Font Family' set to Arial, 'Font Style' set to Regular, and 'Size' set to 10.

- Options -> Bars & Labels tab -> Labels View
 - Set Height to '15' for 'Critical Remaining Work' bar
 - Extend Activity Name's Maximum Label Width to '175'
 - Add and format Remaining Duration label (as shown)

'Two Week Look Ahead'

Two Week Look Ahead
EC00610 - Harbour Pointe Assisted Living Center

Close Layout

Timescale | Bars & Labels | Lines | Group & Sort | Filters | Page Setup

Primary | Zoom Area 1 x +

General

Start Date: Custom Date 05-Jan-11 15

Finish Date: Custom Date 24-Nov-11 15

Styling

Font Family: Arial | Font Style: Regular | Size: 12 | Color: [Color Picker]

Background Color: [Color Picker]

Background

Row	Top	Bottom	Type	Date Interval	Shift Calendar	Sight Lines	Interval Frequency	Style
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Calendar	Year		<input checked="" type="checkbox"/>	1	[Style]
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Calendar	Month		<input type="checkbox"/>	1	[Style]
3	<input type="checkbox"/>	<input type="checkbox"/>	Calendar	Week		<input type="checkbox"/>	1	[Style]

- Options -> Timescale tab -> Primary sub-tab
 - Define Start / Finish in General section (as shown)
 - Uncheck Top box for Date Interval 'Week'
 - Click + to the right of the Primary sub-tab to create Zoom Area 1

'Two Week Look Ahead'

Two Week Look Ahead
EC00610 - Harbour Pointe Assisted Living Center

Close Layout

Timescale | Bars & Labels | Lines | Group & Sort | Filters | Page Setup

Primary | Zoom Area 1 x +

Show timescale area

General

Start
Data Date: [Dropdown] -1 [Spinners] Weeks [Dropdown] Date: 24-Apr-11

Finish
Data Date: [Dropdown] +2 [Spinners] Weeks [Dropdown] Date: 15-May-11

Zoom Percentage
700% [Spinners]

Styling

Font Family: Arial [Dropdown] Font Style: Regular [Dropdown] Size: 12 [Spinners] Color: [Color Picker]

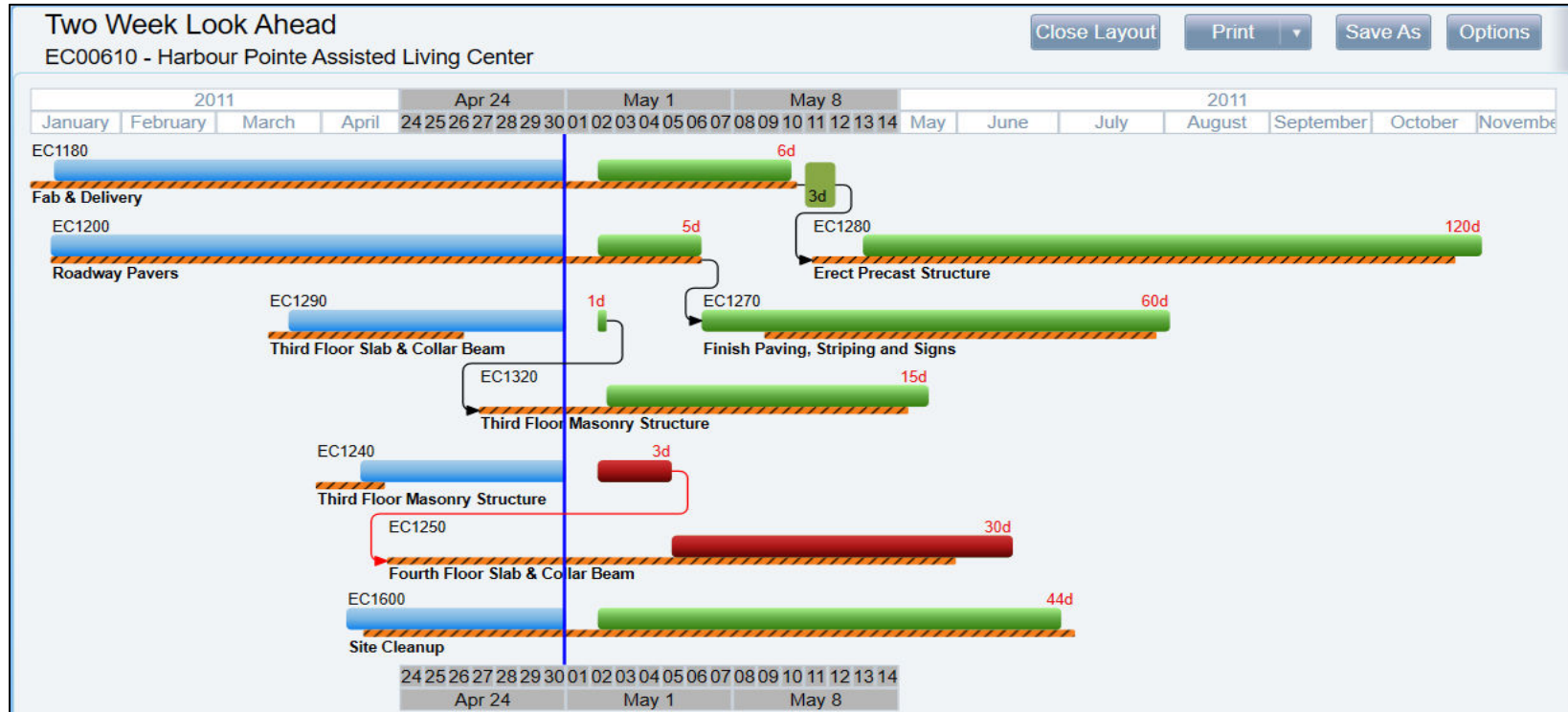
Background Color: [Color Picker]

Background

Row	Top	Bottom	Type	Date Interval	Shift Calendar	Sight Lines	Interval Frequency	Style
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Calendar [Dropdown]	Week [Dropdown]	[Dropdown]	<input type="checkbox"/>	1 [Spinners]	[Style Preview]
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Calendar [Dropdown]	Day Number [Dropdown]	[Dropdown]	<input type="checkbox"/>	1 [Spinners]	[Style Preview]
3	<input type="checkbox"/>	<input type="checkbox"/>	Calendar [Dropdown]	Day Name [Dropdown]	[Dropdown]	<input type="checkbox"/>	1 [Spinners]	[Style Preview]

- Options -> Timescale tab -> Zoom Area 1 sub-tab
 - Define Start / Finish in General section (as shown)
 - Set Background Color to 'grey' in Styling section
 - Set Row 1 and Row 2 in Background section (as shown)
 - Save & Draw!

'Two Week Look Ahead'



Schedule Comparison

Project Differences Report	
<i>Comparing Juniper Nursing Home - B2 - B3 to Juniper Nursing Home Executed by admin</i>	
<i>Date 2019</i>	
General Project information	
Field Name	[Juniper Nursing Home - B2 - B3] [Juniper - B3]
Data Date	01-Nov-10
Start	01-Nov-10
Finish	13-Dec-13
[Substantial Completion - All TCO] [EC2430]	
New Late Start Date	Old Late Start Date
08-Jan-14	13-Dec-13
New Late Finish Date	Old Late Finish Date
08-Jan-14	13-Dec-13
New Early Start Date	Old Early Start Date
08-Jan-14	13-Dec-13
New Early Finish Date	Old Early Finish Date
08-Jan-14	13-Dec-13
New Planned Start Date	Old Planned Start Date
08-Jan-14	13-Dec-13
New Planned Finish Date	Old Planned Finish Date
08-Jan-14	13-Dec-13
New Start Date	Old Start Date
08-Jan-14	13-Dec-13
New Finish Date	Old Finish Date
08-Jan-14	13-Dec-13

Schedule Comparison

Schedule Comparison Close Layout

Project | General | Advanced

Select Revised Project and Original Project or Baseline to compare

Revised Project

Original Project or Baseline

Enterprise All Initiatives

⊕ AACE Int Education Board

⊖ E&C Engineering & Construction

EC00501 Haitang Corporate Park

EC00515 City Center Office Building Addition

EC00530 Nesbid Building Expansion

EC00610 Harbour Pointe Assisted Living Center

EC00620 Juniper Nursing Home

EC00630 Saratoga Senior Community

⊕ Energy Energy Services

⊕ Manufacturing Manufacturing

⊕ ProdDev Product Development

⊕ Add

Baseline

Juniper - B3 Juniper Nursing Home - B2 - B3

Juniper - B2 Juniper Nursing Home - Baseline Plan

Revised Project	Original Project or Baseline	Remove
EC00620 - Juniper Nursing Home	Juniper - B3 - Juniper Nursing Home - B2 - B3	

- Options -> Project tab
 - Select Revised Project
 - Select Original Project or Baseline
 - Click Add

Schedule Comparison

Schedule Comparison

Project **General** Advanced

Grouping

Group report by activity

Send Report To

HTML file

CSV file

ASCII text file

Field delimiter: Comma

Text qualifier: No text qualifier

Output File

C:\Users\... \Documents\NewComparison.html

- Options -> General tab
 - Check 'Group report by activity' in Grouping section
 - Select HTML option in Send Report To section

Schedule Comparison

Project | General | **Advanced**

Select information to compare

Project Information

<input checked="" type="checkbox"/> Added/deleted Activities	<input checked="" type="checkbox"/> General Project information
<input checked="" type="checkbox"/> General WBS information	<input type="checkbox"/> Project Budget
<input type="checkbox"/> Added/deleted WBS	<input type="checkbox"/> Scheduling Options

Activity Information

<input checked="" type="checkbox"/> Activity Code Assignments	<input checked="" type="checkbox"/> Constraints
<input type="checkbox"/> Costs	<input checked="" type="checkbox"/> Dates
<input checked="" type="checkbox"/> Durations	<input checked="" type="checkbox"/> Expenses
<input type="checkbox"/> General Activity information	<input checked="" type="checkbox"/> Added/deleted Expenses
<input type="checkbox"/> Notebook Topics	<input checked="" type="checkbox"/> Percent Complete
<input checked="" type="checkbox"/> Relationships	<input checked="" type="checkbox"/> Resource Assignments
<input checked="" type="checkbox"/> Added/deleted Relationships	<input checked="" type="checkbox"/> Added/deleted Resource Assignments
<input checked="" type="checkbox"/> Steps	<input checked="" type="checkbox"/> Units
<input checked="" type="checkbox"/> User Defined Fields	

- Options -> Advanced tab
 - Check desired parameters to be compared
- Save & Draw!

Schedule Comparison

Project Differences Report	
<i>Comparing Juniper Nursing Home - B2 - B3 to Juniper Nursing Home Executed by admin</i>	
<i>Date 2019</i>	
General Project information	
Field Name	[Juniper Nursing Home - B2 - B3] [Juniper - B3]
Data Date	01-Nov-10
Start	01-Nov-10
Finish	13-Dec-13
[Substantial Completion - All TCO] [EC2430]	
New Late Start Date	Old Late Start Date
08-Jan-14	13-Dec-13
New Late Finish Date	Old Late Finish Date
08-Jan-14	13-Dec-13
New Early Start Date	Old Early Start Date
08-Jan-14	13-Dec-13
New Early Finish Date	Old Early Finish Date
08-Jan-14	13-Dec-13
New Planned Start Date	Old Planned Start Date
08-Jan-14	13-Dec-13
New Planned Finish Date	Old Planned Finish Date
08-Jan-14	13-Dec-13
New Start Date	Old Start Date
08-Jan-14	13-Dec-13
New Finish Date	Old Finish Date
08-Jan-14	13-Dec-13



P6 Visualizer Print Options

Setup Required
Considerations

Print Options: Setup Required

- TSLD and Gantt reports can be automated via Windows® Task Scheduler
- Instructions are in Visualizer Help under ‘Working with P6 Visualizer Reports’ section:
 - https://docs.oracle.com/cd/E90748_01/visualizer_help/en_US/index.htm
- There are three setup steps involved:
 - Actions.xml file – specifies format (electronic or physical printout), as well as report(s) and project(s) for which the report is automated;
 - Batch file – contains a series of commands to be executed;
 - Task Scheduler service – automates Visualizer report to run one time, daily, weekly or monthly.

Print Options: Setup Required

- Actions.xml file sample
 - Notepad saved as .xml
 - Highlighted values vary with configuration

```
<actions>
<action>
<reportType>TSLDReport</reportType>
<reportCategory>User</reportCategory>
<reportName>Two Week Look Ahead</reportName>
<projects>
<projectId>EC00610</projectId>
</projects>
<outputType>ToXPS</outputType>
<outputName>C:\tmp\HarbourPointeExport.xps</outputName>
</action>
</actions>
```

Print Options: Setup Required

- Batch file sample
 - Notepad saved as .bat
 - Highlighted values vary with configuration
 - Entire string that starts with Primavera.Visualizer.exe is entered on one line (line #s are for reference only)
 - If the process runs successfully, log message 'Application Exits with error 0' is returned

```
1 @echo off
2 cd "C:\Program Files\Oracle\Primavera P6\P6 Professional\18.8.0"
3 Primavera.Visualizer.EXE /username=admin /password=admin /alias=SQLExpress
  /actionScript=C:\tmp\ActionsXPSPrinter.xml /logfile=C:\tmp\LogFile.log
```


Print Options: Setup Required

- Task Scheduler Service (installed with Microsoft operating systems)
 - Launch via **Start** menu
 - Under **Action**, select **Create Task**
 - Under Create Task, **General** tab
 - Check box **Run with highest privileges**
 - Configure for appropriate Windows OS
 - Under Create Task, **Trigger** tab
 - Set Trigger tab to desired frequency / day / time
 - Click Enabled
 - Under Create Task, **Actions** tab
 - In the Action List, select Start a program
 - Browse to the location of .bat file from step two
 - Under Create Task, **Conditions** tab
 - Select **Wake the computer to run this task**

Print Options: Considerations

- Considerations

- Check that report name and project ID referenced in step one are accurate and exist in P6 database
- Avoid using special characters when naming P6 Visualizer report, such as:

- Divide “/”
- Ampersand “&”

Incorrect report name: ‘Activities w/Steps & Notes’

Correct report name: ‘Activities with Steps and Notes’

- Verify ‘XPS Writer and Viewer’ application is installed on the computer with automated reports.



Conclusion

Conclusion

- Visualizer is already at P6 Users' disposal:
 - Get familiar with it, using test data loaded into database.
- Automating Visualizer reports is a small step that can have a significant impact on improving communication among project stakeholders.
- Use this presentation as a first step in starting to utilize Visualizer on regular basis.



QUESTIONS/COMMENTS?

NASA Cost & Schedule Symposium, Aug. 14 2019



**Reporting Tool
P6 Visualizer**

Marina Sominsky
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