PREVIEWING NETPOINT 5 AND USER-REQUESTED FEATURES

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Seve Ponce de Leon and Sergio Ponce de Leon manage NetPoint design and development. They focus on the user interface, user experience, quality assurance, documentation, and end-user support of NetPoint and its embedded products. Their work can also be found on the PMA Technologies and PMA Consultants websites. This is their third time presenting at the annual NetPoint & GPM Conference.
Split Screen/Multiple Canvases

Automated Resource Leveling

Logic Tracing Mode

Import Multiple P6 Projects

Saved Filter

Criticality Outlines

Expanded Filter Criteria

International Date Formats

Import P6 Summary Schedules

Hiding Objects

Visual Target Mode

Hebrew Calendar

Federal Calendar

Pan Tool

Codes Manager

Enhanced Target Reporting

Activity Sizes & Patterns

Hover Displays

Alpha Coding

Rearrange Order of Objects

Swimlane by WBS

Custom Link Points

Cost Risk Analysis
Automated Resource Leveling

Logic Tracing Mode

Import Multiple P6 Projects

Calendar Windows

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Organize Order of Objects
Large/complex schedules can be difficult to represent visually

Typical schedule in P6 (gantt chart)
Typical schedule in NetPoint

Communicate important details to everyone on the project by controlling how your schedules appear.
Example pharmaceutical product launch schedule

Permitting activities colored light green
Design activities colored light blue but displayed red since they’re on the critical path.
Procurement activity colored dark gray but also critical
Construction activities colored dark blue; only one not critical
Process Equipment activities colored teal
Critical path now emphasized with a thicker activity bar.

Patterns, in addition to colors, now used to group activities by type of work.

Identify types of activities more easily with sizes and patterns.
3 sizes and 10 patterns in the activity formatting tab

More flexibility when it comes to customizing the look of your schedules
Criticality Outlines

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Timeline Calendar

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Hover Displays
Same schedule but with old critical path no longer critical
Able to see underlying colors
To continue seeing colors when critical, you can now view critical objects outlined in red. Activate by toggling an option in the Objects menu.

Another tool to control how you present all of the information in your schedules.
Often useful to compare changes to a schedule against a baseline.

In NetPoint, this is done with targets.
A target is a snapshot of dates…
...durations...
...and float values for every object in the network at a given moment in time

Compare targets against the current schedule and examine variances in a table...
New interface in NetPoint 5
Choose *any* two snapshots to compare against each other
Resulting comparison populates the lower list in the same window.

Quickly examine dates, durations, float values, and corresponding variances.

NetPoint 5 also has a new visual target mode that automatically applies size and color formatting based on custom filters…
Traditional “visual” target comparison (static gantt charts)
Baseline schedule in NetPoint
Updated schedule in NetPoint
Activities finishing more than 5 days behind have been made thicker and darker.

New visual target mode

Activities finishing more than 5 days ahead have been made thinner and lighter.

Other activities have been faded.
Size and color respond in real-time to kinetic changes to the network

Not possible with static gantt charts

Compare changes between schedule updates and what-if scenarios in a whole new way
Split Screen/Multiple Canvases
Visual Target Mode
Import P6 Summary Schedules
Enhanced Target Reporting

Automated Resource Leveling
Logic Tracing Mode
International Date Formats

Criticality Outlines
Import Multiple P6 Projects
Pan Tool

Calendar Windows
Activity Sizes & Patterns
Enhancements Order of Objects

Swimlane by WBS
Codes Manager

Hover Displays
Cost Risk Analysis
Activity Sizes/Patters
Criticality Outlines
Visual Target Mode
<table>
<thead>
<tr>
<th>Auto.Sys-Eng</th>
<th>9</th>
<th>09-Apr-07 A</th>
<th>09-Jan-08</th>
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<tbody>
<tr>
<td>Define System Requirements</td>
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<td>System Design</td>
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<td>Approve System Design</td>
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<td>Prepare Drawings for Temp Control Equipment</td>
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<td>Task Dependent</td>
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<td>Review and Approve Temp Control Equipment</td>
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<td>Task Dependent</td>
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<tr>
<td>Prepare Drawings for System controller</td>
<td>Auto Sys-Eng</td>
<td>Task Dependent</td>
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<tr>
<td>Review and Approve System Controller</td>
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<td>System Bayoff</td>
<td>Auto Sys-Eng</td>
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<td>System Engineering summary</td>
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<table>
<thead>
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<th>20-Nov-07</th>
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<tr>
<td>Test &amp; Debug Line A</td>
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<td>Task Dependent</td>
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<td>Test &amp; Debug Line B</td>
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<td>Task Dependent</td>
<td></td>
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<tr>
<td>Pilot Start Line A</td>
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<tr>
<td>Installation Begins</td>
<td>Auto Hard</td>
<td>Task Dependent</td>
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<tr>
<td>Path Realignment and Shakedown Line A</td>
<td>Auto Hard</td>
<td>Task Dependent</td>
<td>0 AS265</td>
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<tr>
<td>Path Realignment and Shakedown Line B</td>
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<td>Site Preparation</td>
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<td>Start-Up Line B</td>
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<tr>
<td>Install Robot Base</td>
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<tr>
<td>Run Sealant, Air, and Water Piping</td>
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<td>SET &amp; Connect Robot</td>
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<td>Calibrate Robot Controller &amp; Power Up</td>
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<td>Trim Robot Path A</td>
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<td>Trim Robot Path B</td>
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<thead>
<tr>
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<tr>
<td>Install System &amp; Misc. Components</td>
<td>Auto Hard Systems</td>
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<table>
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<td>Install Processor/Software/Data Tapes</td>
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<tr>
<td>Load System Software</td>
<td>Auto Soft</td>
<td>Task Dependent</td>
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</tr>
</tbody>
</table>
Apply the WBS in the Structure tab of the Layout Manager

Choose different levels of detail using the dropdown on the right.

View activities assigned to a node on bottom.
Activities will be arranged automatically using the Automated Layout algorithm.
This makes the schedule instantly recognizable and transitioning to NetPoint easy.
Split Screen/Multiple Canvases

Criticality Outlines

Import Multiple P6 Projects

Calendar Windows

Swimlane by WBS

Activity Sizes & Patterns

Hover Displays

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International Date Formats

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Codes and values can be renamed at anytime

New interface for managing codes

Adding a code has gone from 3 clicks to 1
Assignments can be made with just a single click.

The window can be open while working with the canvas.
Assign codes to multiple activities at a time in the Set Global Properties window.
Have two or more views of your schedule open at the same time.

Add a vertical split to create views side-by-side.

Useful with large schedules or small screens.
Add a horizontal split to create views on top and bottom.
Add two splits to create a total of 4 views

Each view can be zoomed and scrolled independently
Split Screen/Multiple Canvases

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Codes Manager

Split Screens
Activity Sizes/Patterns

Swimlane by WBS Codes

Criticality Outlines

Codes Manager

Visual Target Mode

Split Screens
Change the date format to align with other countries
Make use of new calendar templates for Hebrew and Federal holidays
Reorder items on the canvas
Send links behind nodes and vice versa
Get the order looking exactly how you want it
Cost Risk Analysis

- Split Screen/Multiple Canvases
- Logical Tracing Mode
- Criticality Outlines
- Import Multiple P6 Projects
- Calendar Windows
- Swimlane by WBS
- Activity Sizes & Patterns
- Hover Displays
- Visual Target Mode
- Print Schedules
- Visualize Calendar
- Pan Tool
- Enhanced Target Reporting
- Codes Manager
- Exchange Order of Objects
New NetRisk interface includes risk, cost, and schedule tabs

Work back and forth with the canvas without having to close the window
Quickly and easily add cost items and estimate ranges in the cost tab
Model external cost risks in the risk tab
Run a standalone cost risk analysis (without any schedule input)
In late 2015, *Related Cost* will allow you to allocate cost items over activity fragments, model time-dependent costs – like labor, and generate resulting cash flows.

Simulate cost and schedule together, without having to painstakingly cost-load every activity in the schedule!
Split Screen/Multiple Canvases
Split Screen/Multiple Canvases

Criticality Outlines
Criticality Outlines

Release 5.0
Release 5.0

Coming Spring 2015
Coming Spring 2015

Swimlane by WBS
Swimlane by WBS

Activity Sizes & Patterns
Activity Sizes & Patterns

Hover Displays
Hover Displays

Cost Risk Analysis
Cost Risk Analysis

Automated Resource Leveling
Automated Resource Leveling

Logic Tracing Mode
Logic Tracing Mode

Expanded Filter Criteria
Expanded Filter Criteria

Saved Filters
Saved Filters

International Date Formats
International Date Formats

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Import P6 Summary Schedules

Visual Target Mode
Visual Target Mode

Hebrew Calendar
Hebrew Calendar

Federal Calendar
Federal Calendar

Pan Tool
Pan Tool

Enhanced Target Reporting
Enhanced Target Reporting

Rearrange Order of Objects
Rearrange Order of Objects

Codes Manager
Codes Manager
THANK YOU!