

What's New With Prometheus Planning & Scheduling

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Agenda

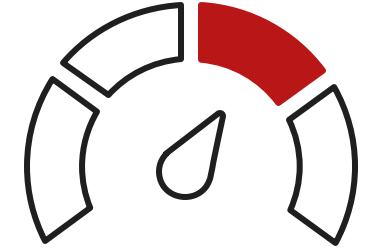
- Latest Feature Additions
- What's Next?
- Live Demonstration

Devin Peters

- Former Mechanical/Aerospace Design Engineer for commercial aircraft components
- Prometheus Group Sr. Functional Consultant and Planning & Scheduling Product Owner
 - Over 3 Years in SAP PM and Turnaround Management Solutions

Latest Feature Additions

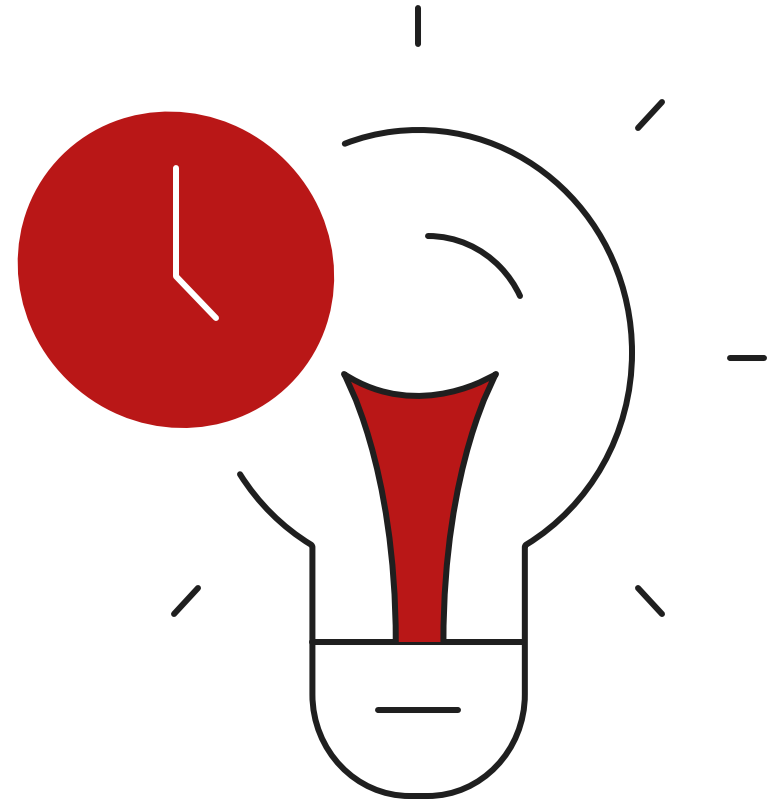
What's Driving Us?



- Customer Driven Enhancement
- Strategically navigating capabilities, we have access to in the web-based platform, while remaining true to our EAM/ERP Roots
 - In short, we build features that enhance the core system capabilities, not one's that obscure or duplicate them!
- Overhaul of development methodologies have increased our capacity for new feature design and implementation

What Have We Been Up To?

- Shift Manager
- Crew Building/Resource Management
- GIS Enhancements
- Order Planner Configuration
- Personnel Skills/Proficiencies
- Norms Planning



Norms Planning

- Norms-based planning applied directly to work order AND Task Lists
- Standardize planning practices globally

The screenshot displays a software interface for Norms Planning. The left pane shows a list of activities, with 'Place scaffolding' selected. The right pane shows a detailed configuration screen for this activity, including a calculation formula (14.60 * 0.00 * 1.00 = \$0), a list of norms (Scaffolding is selected), and a table for calculated hours and quantities.

Sequence Number	Activity	Activity ID	Op / Act. Number	Activity Memo	Location
> 001	Remove insulation				
> 002	Place scaffolding				
> 003	Mechanical completion				
> 004	Blinding				
> 005	First (dirt) inspection				
> 006	De-blinding				
> 007	Place insulation				
> 008	Remove scaffolding				
> 009	DP Final Check				
> 010	Activity Description				

Sequence Number	Code	Resource	SAP Sub-Activity	Resource Memo	Circumstances	Location
000	Scaffo...	Scaffolder				

Calculation: 14.60 * 0.00 * 1.00 = \$0

Number of Workers: 1, Contractor: , Contract: , Resource Duration: 14.60

Number of Workers: 2, Contractor: , Contract: , Resource Duration: 4.00

Estimate: Hours per Worker: 4.00, Estimate Memo:

Group: Scaffolding, Calculation Sub Group: Place scaffold

Step 1: Select a Calculation Main and Sub Group
Calculation Main Group: Scaffolding, Calculation Sub Group: Place scaffold

Step 2: Select a Norm
Norm: Scaffolding

Step 3: Select a Correction Factor and Quantity
Correction Factor: , Quantity: 0.00, Calculated Hours: 0.00

Step 4: Add a Memo
Memo:

GIS Enhancements

- Plan work order routes on a GIS overlay
- Optimize Route planning at the work center or resource level
- Navigate to jobs via mobile application

The screenshot displays the GIS Planner application interface. The top navigation bar is red with the 'GIS Planner' logo and various icons. The main view is split into two panels. The left panel shows a route plan for the date 04/17/2023, with a table listing personnel, work centers, names, capacities, and start/finish times. The right panel shows a map of Raleigh, North Carolina, with a route overlaid in red. A legend on the right side of the map lists assignments and work status for various personnel.

Personnel ID	Work Center	Name	Cap. (hr)	Start	Finish
00000000	16_MECH		8.0	8:00 AM	4:00 PM
09102891	16_MECH	Sean McWhirter	8.0	8:00 AM	4:00 PM
00108916	16_MECH	Aaron LaRocco	8.0	8:00 AM	4:00 PM
00108916	16_MECH	Aaron LaRocco	8.0	8:00 AM	4:00 PM
00000000	16_MECH		8.0	8:00 AM	4:00 PM
00000000	16_MECH		8.0	8:00 AM	4:00 PM
09102891	16_MECH	Sean McWhirter	8.0	8:00 AM	4:00 PM
09102891	16_MECH	Sean McWhirter	8.0	8:00 AM	4:00 PM
09102891	16_MECH	Sean McWhirter	8.0	8:00 AM	4:00 PM
00000000	16_MECH		8.0	8:00 AM	4:00 PM
09102891	16_MECH	Sean McWhirter	8.0	8:00 AM	4:00 PM
00108916	16_MECH	Aaron LaRocco	8.0	8:00 AM	4:00 PM

Task	Description	Criticality	Loc. Cnt.	Task Time (hr)	Route Priority
701530-0020	Uncouple/Remove Old Motor			9.0	Low
701530-0030	Install New Pump			3.0	Low
701530-0040	Unlock			4.0	Low
701530-0050	Verify			2.0	Low
701518-0010	Lockout Pump/Water Systems	2		6.0	Low
701538-0010	Lockout Condenser	1		4.0	Low
701538-0020	Troubleshoot Inst.	1		8.0	Low
701518-0030	Clear Pump Impeller	2		4.0	Low
701518-0040	Assemble/Verify Pump	2		4.0	Low
701518-0020	Remove Top Pump Casing	2		8.0	Low
701538-0050	New Step	1		4.0	Low
701538-0030	Verify Inst.	1		4.0	Low
701538-0015	Uncouple motor	1		4.0	Low

Order Planner Configuration

- Complete configurability of the Order Planner
- Remove fields
- Drive requirements
- Streamline user experience

The screenshot displays the SAP Order Planner configuration interface. The main configuration area is divided into several sections:

- General:** Fields for Short Text (Obtain permit), Long Text, Notes 1 (GLOBAL-PTW-22-3383), Notes 2, Calculation Type (Calculate Work), Work (6 H), Number (1), Normal Duration (6 H), Work Center (03_ELEC), Plant (1000), and System Condition.
- External:** Fields for Functional Location, Control key (PM01 - Plant maintenance - internal), Equipment, Activity Type (1410 - Repair Hours), Earliest Start (04/18/2023 06:00:00), Earliest Finish (04/18/2023 12:00:00), Latest Start (04/18/2023 06:00:00), Latest Finish (04/18/2023 12:00:00), and User Status (4RSC).
- Components:** A table listing components with columns: Remove, Item, Component, Description, Reqmt Qty, Qty Unit, Item Cat, Plant, Storage Location, Recipient, Unloading Point, Reqmt Date, Price, Currency, Price Unit, and Material Group.

Remove	Item	Component	Description	Reqmt Qty	Qty Unit	Item Cat	Plant	Storage Location	Recipient	Unloading Point	Reqmt Date	Price	Currency	Price Unit	Material Group
⊖	0010	W-1000	Shaft, electrical pump	1	PC	L	1000				2023-04-18	766.94	EUR	1	001
⊖	0020	M-1000	Motor, electrical pump 250KW	1	PC	L	1000	0001			2023-04-18	3500.00	EUR	1	001
⊖	0030	IL-1000	Impeller, electrical pump	1	PC	L	1000				2023-04-18	125.00	EUR	1	001
⊖	0040	G-1001	GEARS, ELECTRICAL PUMP	1	PC	L	1000	0001			2023-04-18	135.98	EUR	1	001
⊖	0050	M-3000	Motor, electrical pump 250KW	1	PC	L	1000				2023-04-18	10000.00	EUR	1	011
⊖	0060	G-1000	GEARS, ELECTRICAL PUMP	4	PC	L	1000	0001			2023-04-18	904.81	EUR	0	001
⊖	0070	DP-1000	Heat Exchanger Gasket	2	PC	N	1000				2023-04-18	200.00	EUR	1	001

Shift Manager

- Significant improvement to shift management in Prometheus
- Build shift logic directly in the web suite
- Assign shifts to resources and control your entire workforce availability in Prometheus
- Calendar view for shift and exception management

Crew Building/Resource Management

- Create Crews and Individual Resources Entirely Independent of SAP!
- Structure your own working hierarchy for complete resource management capabilities
- Works right alongside the existing HR structure from SAP to bolster new functionality with existing capabilities

What's Next?

Additional Items

- Notification Capabilities in Web
 - Create and review notifications directly in the web suite
- Prometheus APM
 - Integration with the newest arm of the Prometheus Platform
 - Asset Performance Insights embedded in the P&S workflow!

Live Demonstration

A background image showing two hands shaking in a firm grip, symbolizing agreement or partnership. The image is overlaid with a semi-transparent blue filter. A white horizontal line is positioned above the text.

Thank you

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Questions?