

# What's New With Prometheus Planning & Scheduling

Devin Peters – Sr. Functional Consultant

April 19th, 2023

# Agenda

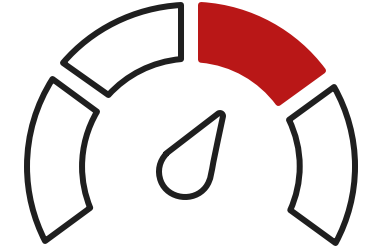
- Latest Feature Additions
- What's Next?
- Live Demonstration

# 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

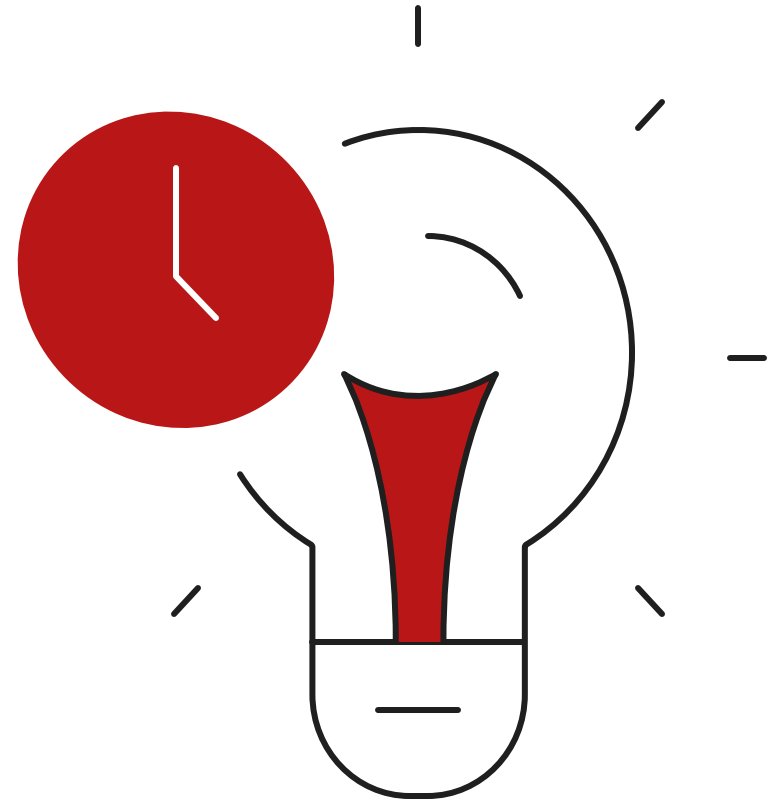
# What's Driving Us?



- 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 main window is titled "Work Packages > 0002-112-0001 / 773 > Activities". The interface is divided into several sections:

- Activity List:** A table listing activities with columns for Sequence Number, Activity, Activity ID, Op / Act. Number, Activity Memo, and Location. The activity "Place scaffolding" (Sequence Number 002) is expanded to show a detailed view.
- Activity Detail Table:** A table with columns: Sequence Number, Code, Resource, SAP Sub-Activity, Resource Memo, Circumstances, and Location. The row for "Scaffolding" (Sequence Number 000) is highlighted.
- Calculation Grid:** A table with columns: Number of Workers, Contractor, Contract, Resource Duration, and Estimate Memo. The grid shows a calculation for "Place scaffolding" with 2 workers, a duration of 8.00 hours, and an estimate memo of "Scaffolding".
- Estimation Form:** A detailed form for estimating the activity. It includes fields for "Hours per Worker" (4.00), "Estimate Memo", and a list of calculation groups (e.g., Scaffolding, Place scaffold). The form also includes steps for selecting a norm, correction factor, and quantity, and adding a memo.

A green notification bar at the bottom left indicates "Calculation Created." and "Rows: 10".

# 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 on the roads. 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
0000000	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
0000000	16_MECH		8.0	8:00 AM	4:00 PM
0000000	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
0000000	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
701538-0010	Lockout Pump/Water Systems	2		6.0	Low
701538-0010	Lockout Condenser	1		4.0	Low
701538-0020	Troubleshoot Inst.	1		8.0	Low
701538-0030	Clear Pump Impeller	2		4.0	Low
701538-0040	Assemble/Verify Pump	2		4.0	Low
701538-0020	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 top navigation bar includes 'Overview', 'Operations', 'Components', 'Object List', 'Documents', 'Additional Data', 'Location', and 'Control'. The main area is divided into several sections:

- Select an Operation:** A list of operations with '0010 Obtain permit' selected.
- 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'.
- Functional Location:** Fields for 'Functional Location', 'Control key' (PW01 - Plant maintenance - internal), 'Equipment', 'Activity Type' (1410 - Repair Hours), and 'User Status' (4RSC).
- Timeline:** Fields for 'Earliest Start', 'Earliest Finish', 'Latest Start', and 'Latest Finish', all set to 04/18/2023.
- Components:** A table listing components for the operation.

Remove	Item	Component	Description	Reqmt Qty	Qty Unit	Item Cat	Plant	Storage Location	Recipient	Unloading Point	Reqmt Date	Price	Currency	Price Unit	Material Group
<input type="checkbox"/>	0010	W-1000	Shaft, electrical pump	1	PC	L	1000				2023-04-18	766.94	EUR	1	001
<input type="checkbox"/>	0020	M-1000	Motor, electrical pump 250KW	1	PC	L	1000	0001			2023-04-18	3500.00	EUR	1	001
<input type="checkbox"/>	0030	IL-1000	Impeller, electrical pump	1	PC	L	1000				2023-04-18	125.00	EUR	1	001
<input type="checkbox"/>	0040	G-1001	GEARS, ELECTRICAL PUMP	1	PC	L	1000	0001			2023-04-18	135.98	EUR	1	001
<input type="checkbox"/>	0050	M-3000	Motor, electrical pump 250KW	1	PC	L	1000				2023-04-18	10000.00	EUR	1	011
<input type="checkbox"/>	0060	G-1000	GEARS, ELECTRICAL PUMP	4	PC	L	1000	0001			2023-04-18	904.81	EUR	0	001
<input type="checkbox"/>	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

---

Thank you

PROMETHEUS GROUP  
EUROPEAN | USER  
CONFERENCE

Devin Peters - Sr. Functional Consultant



---

# Questions?