4 Must-Have Features to Plan & Schedule Effectively

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September 1st, 2021



Agenda

- Introduction to Prometheus
- Issues and Challenges
- How Prometheus can help
- Empowering the end-user
- Live demonstration



The Prometheus Platform



Prometheus Group

- Founded in 1998
- Headquartered in Raleigh, NC, USA
- 13 global offices
- Integrated and intuitive software
- Partnerships with industry leading companies





TOP 8
Oil & Gas



TOP 7
Mining & Metals



TOP 7Pulp & Paper



TOP 6
Chemical



TOP 6
Utilities



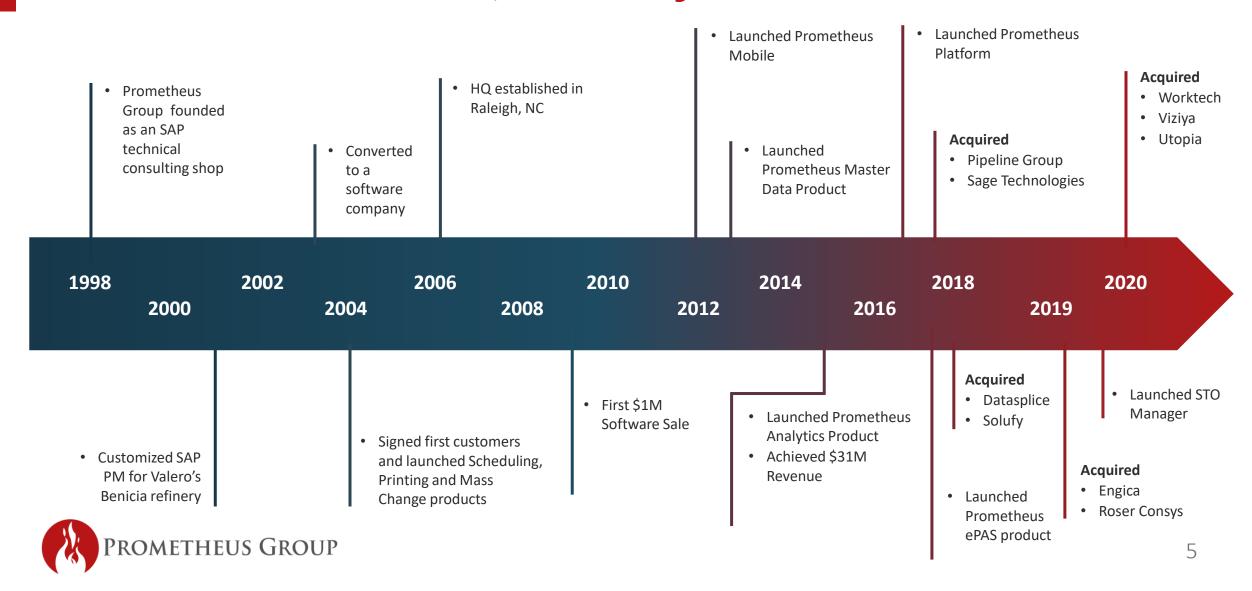








The Prometheus Journey



Key Customers

































































































































































Scheduling Principles



Why Planning/Scheduling is Necessary



Provide reliable plant capacity

- Minimize downtime
- Reduce Costs



Increase amount of work being done

- Catch-up on Backlog
- Free up Work force
- Resource utilization



Ensure work quality

Done right the first time



Common Challenges

- Stuck in a reactive mindset
 - Fire-fighting
 - "This is the way it has always been done"
 - Endless cycle
- Maintenance Department has no standard process
 - No dedicated Planner/Scheduler
- Non-productive time is normal
 - Searching for parts/equipment
 - Seeking additional instruction





Scheduling Principles from Doc Palmer

- 1. Job Plans with required number of people, craft skill level, work hours per skill, total duration are necessary
- 2. Weekly and daily schedules must be adhered to
- 3. Schedule based on hours available, priorities, and job plans

- 4. Assign work for every available work hour
- 5. Schedule is updated daily to reflect current job progress and new high priority work
- 6. Measure efficiency and process by wrench time



4 Must-Have Features



1. Updating Dates Effectively

- When you update your schedule dates how is that relayed to the effected individuals?
- How many different dates exist?
- How easy it for a new employee to change ?
 - Can anyone change ?
 - Is it intuitive to make changes?

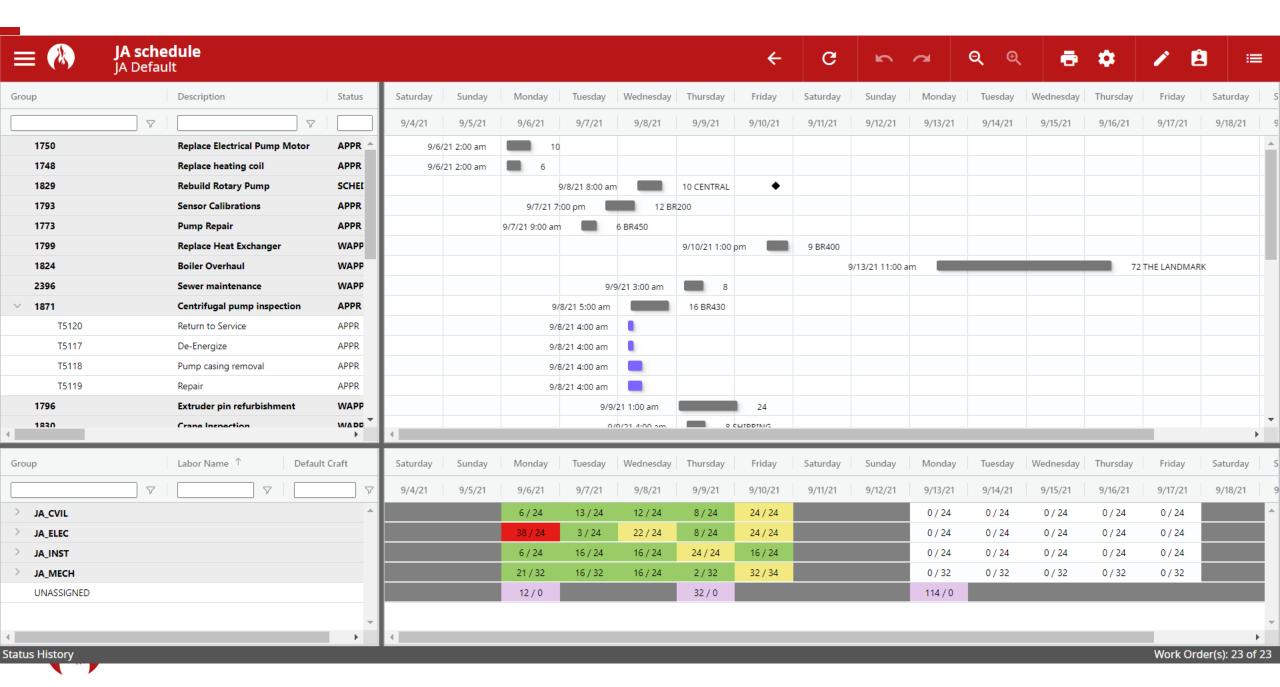


Drag and Drop + Mass Change

- Prometheus Web Scheduler provides simple drag drop functionality to update the schedule
- Work Orders can be adjusted in mass across several fields including dates, status, supervisor etc.







2. Accurate Resource Availability

- Vacation calendars are typically in separate spreadsheet
- Often difficult to reflect resource changes in schedule
- Resource availability is a common factor that is assumed to be known by the scheduler



Shift Updater

- Easily add working and non-working exceptions
- Adjust shifts temporarily or permanently
- Mass Change Available

Resources							ception	Non-	Working	Exception	n R	lemove l	Exceptio	n							
Default Craft	Crew Work Group	Labor	Site	Craft List								September 2021									
	▽	▽	▽ [▽	Sa 04	Su 05	Mo 06	Tu 07	We 08	Th 09	Fr 10	Sa 11	Su 12	Mo 13	Tu 14	We 15	Th 16	Fr 17	Sa 18	Su 19	
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DK_WELD		MCANNON		DK_WELD			8		8	8	8			8		8	8	8			
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DK_CONST		MMARTIN		DK_CONST																	
DK_PIPE		WSTAMPS		DK_PIPE			8	8	8	8	8			8	8	8	8	8			



3. Ease of Assignments

- Assignments can often mean simply handing a work order to the required technician
- Often use assignments tab or assignment manager in Maximo
- These methods are detached from the schedule

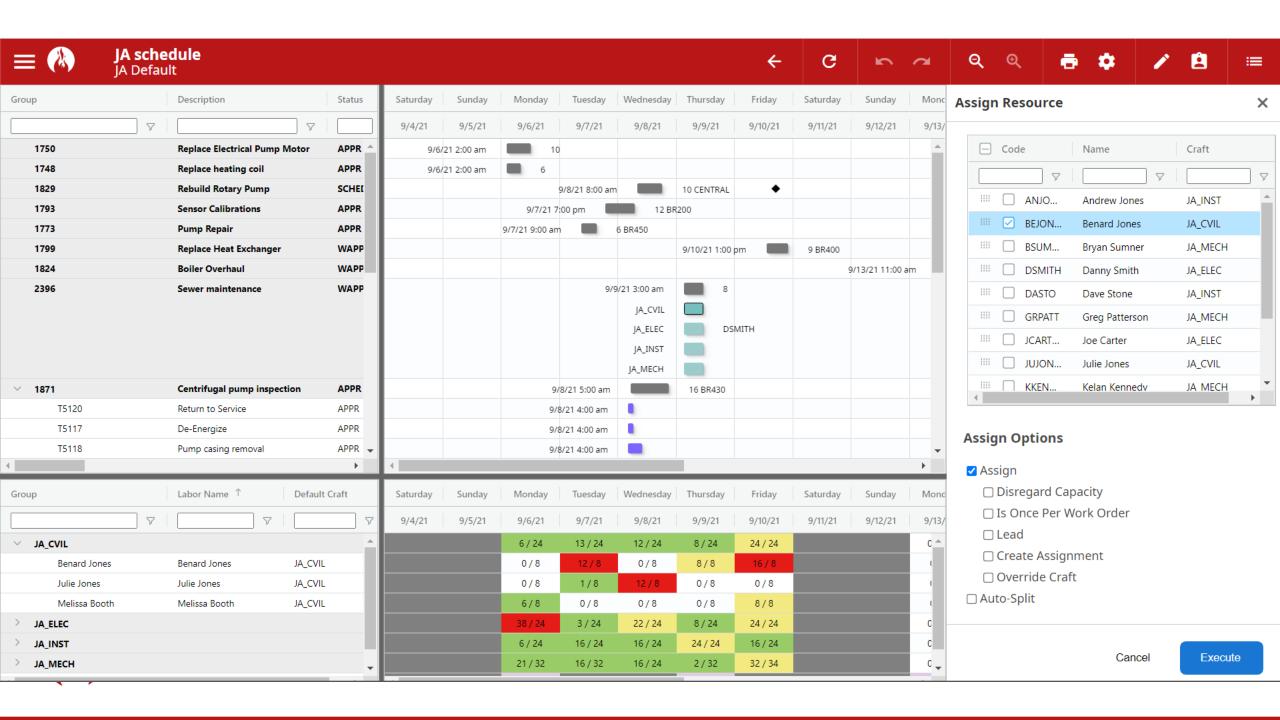


Drag and Drop Assignments

- Multiple ways to assign work
 - Drag and Drop
 - Work Plan Editor
 - Assignment center
- All contained within scheduler
- Easily level load based on availability







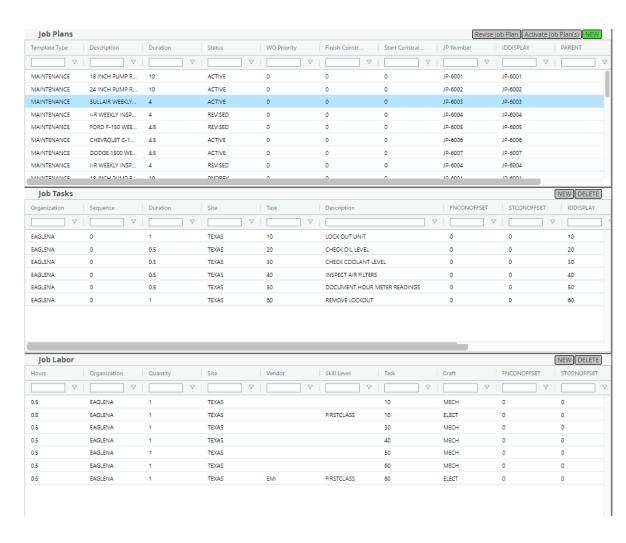
4. Accurate Job Plans

- Job plans often handled by reliability analyst or engineer
- Adjusting job plans is quite often a daunting task
- Common feedback of inaccurate and rarely adjusted job plans

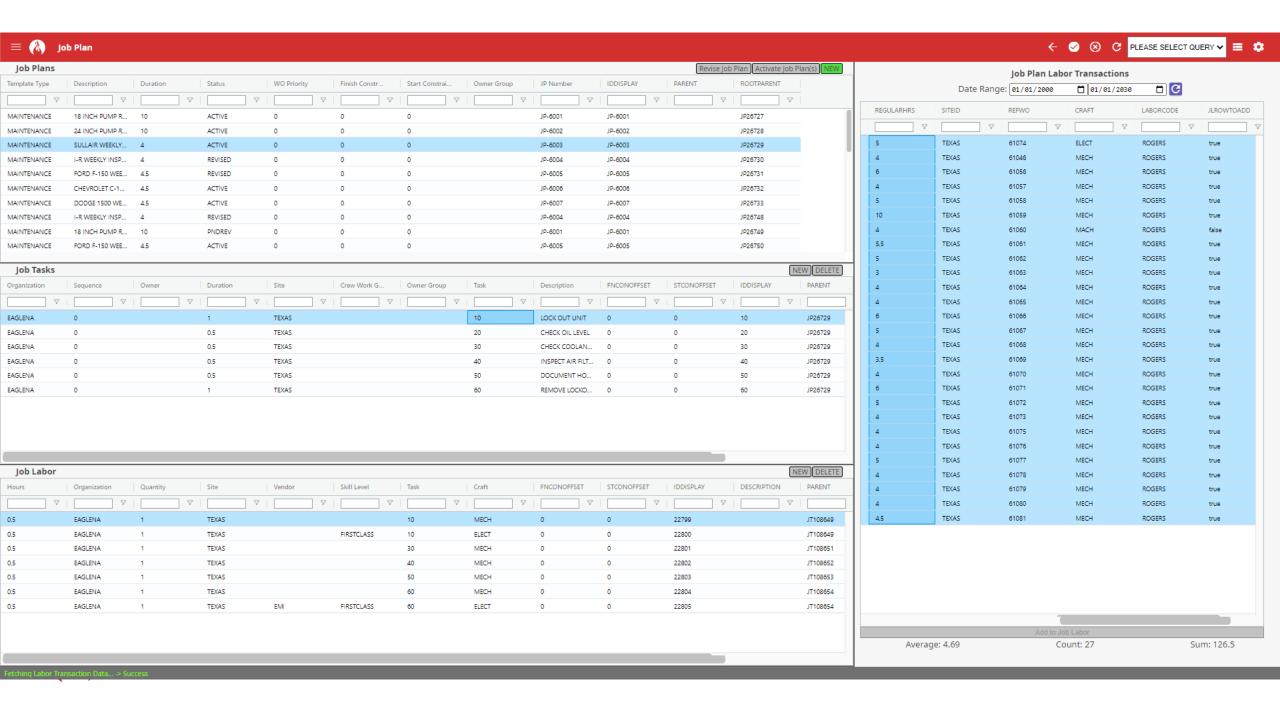


Job Plan Editor

- Exclusive functionality to Prometheus
- Adjust job plans in mass
- Revise and activate job plans
- See data from completed work orders to develop more accurate plans







Questions?



Thank you PROMETHEUS GROUP

