

# Optimizing Work Management in Maximo With Prometheus Web Scheduler

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PROMETHEUS GROUP | 17TH ANNUAL **USER**  
**CONFERENCE**  
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# Speaker Introduction



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# Agenda

- Suite Overview
- New Features
- Demo
- Customer Examples
- Roadmap
- Conclusion

# Web Scheduler Suite

- Core Modules
  - Scheduler
    - Daily / Weekly Scheduling
    - Projects
    - PM Forecasting
  - Shift Updater
  - Job Plan
  - Order Planner
- Admin / Super User
  - Database Manager
  - Baselining
  - \*Admin Panel



# Admin Panel

- Supports Work Centers
- Role Based Field Access
  - Scheduler
  - Job Plan
- \*Other DB Manager Components



# Scheduler

- New Columns
  - Craft Hierarchy
  - Required Effort Hierarchy
  - Sched Effort
- New Date/Time Picker
- Align Hierarchy
- Planning Board Filter Refactor
- Reschedule By Unit/Value
- Change By References
- Open in Maximo supports Industry Solutions
- Lasso Support
- Task Elasticity
- Variant: Saved Query Industry Solution Support



# Scheduler – PM Forecasting

- Route Stop List became configurable
- Mixed Availability option
- Periodicity
- Forecast Data Edit Modal
- Mixed Data Support (i.e., PM and WO)



# Shift Updater

- Icon use now support the fill option
- Additional icon for days that have multiple exceptions
- Support for shifts regardless of start date
- Work Center Support





# Job Plan

- Advanced “Custom Query” support to allow joins
- Allow custom fields to be edited
- Compare estimates to actuals with Labtrans modal
- Multi-Revise Job Plans



# Order Planner

- CRUD Tasks and Assignments
- Modifications in Simulation mode
- View Material Requirements



# Demonstration



# Customer Examples



# Job Plan Example

- Compare Estimates to Actuals
- Demo instance
  - Planned: 1 hr
  - Average: 3.25 hrs
- Large Difference

The screenshot displays a software interface for managing job plans. It is divided into three main sections: Job Plans, Job Tasks, and Job Labor. A right-hand panel shows Job Plan Labor Transactions.

**Job Plans**

Template Type	Description	Duration	Status	Supervisor
MAINTENANCE	Electric Cart Tune-Up	1	ACTIVE	
MAINTENANCE	Centrifugal Pump Service- 12 Month	3	ACTIVE	MILLER
MAINTENANCE	Conveyor Belt 12 Month Service	4	ACTIVE	

**Job Tasks**

Organization	Description	Task	Sequence	Owner
EAGLENA	Check tires, lights, horn, mirrors.	10	0	
EAGLENA	Check windshield wipers and steering.	20	0	
EAGLENA	Check key, seat, forward/reverse switches.	30	0	
EAGLENA	Check brakes, brake lights, and emergency brake.	40	0	
EAGLENA	Check battery. Add water as needed.	50	0	
EAGLENA	Check terminals and cables, battery charger.	60	0	

**Job Labor**

Hours	Labor	Organization	Quantity	Labor Contract	Site
1		EAGLENA	1		BEDFORD

**Job Plan Labor Transactions**

Date Range: 01/01/00 to 01/01/30

IDDISPLAY	Avg Hrs / Asset	SITEID
JP12300	5	BEDFORD
JP12300	0.5	BEDFORD
JP12300	0.75	BEDFORD
JP12300	2	BEDFORD
JP12300	6	BEDFORD
JP12300	10	BEDFORD
JP12300	1	BEDFORD
JP12300	1	BEDFORD
JP12300	3	BEDFORD

Summary: Average: 3.25, Count: 9, Sum: 29.25



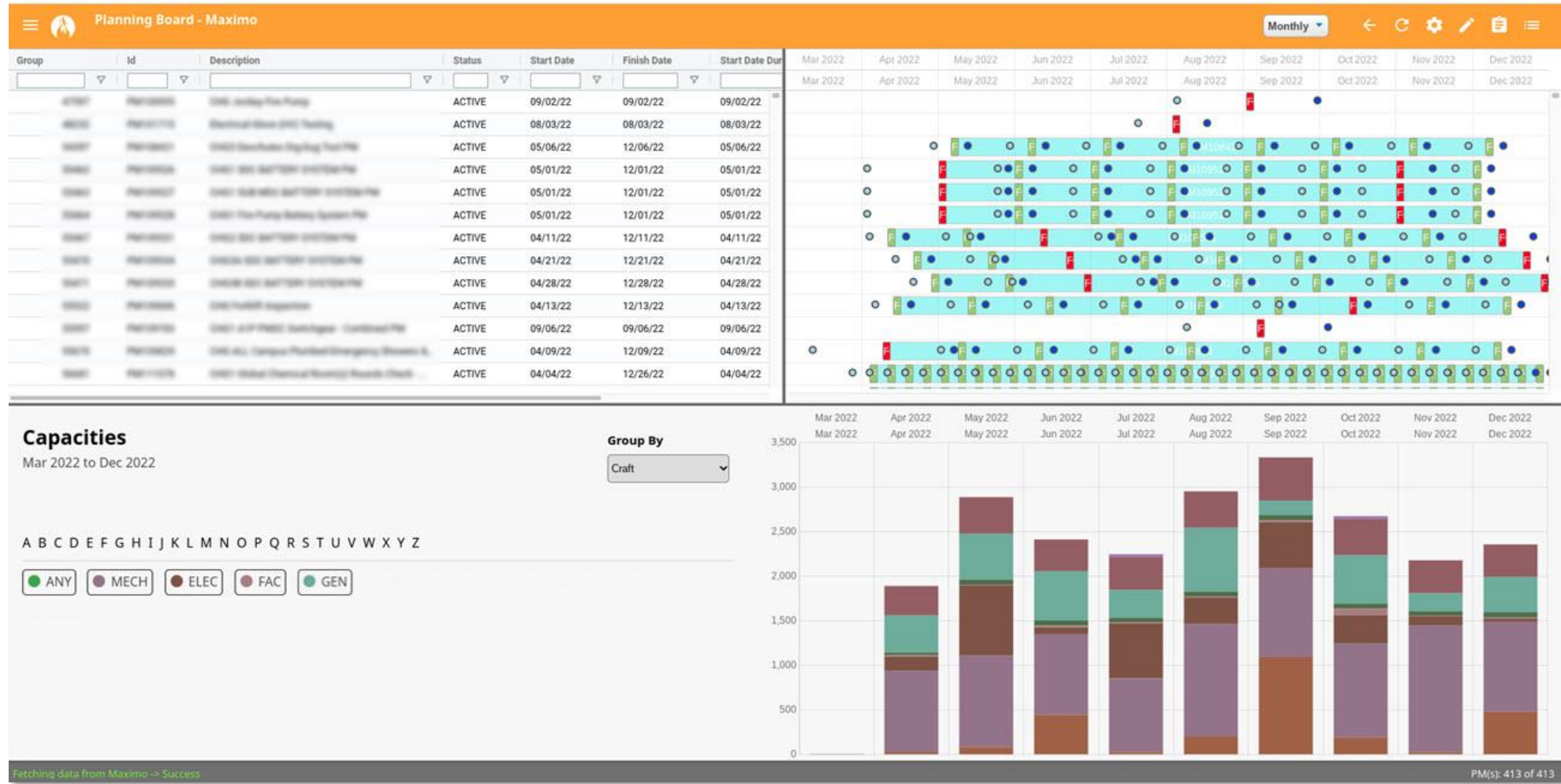
# Customer Example – Job Plans

- 26,000 Active PMs; 700 Active Job Plans
- A type of PM (6 year) is referenced 1400 times
  - 433 times in one year
- Roughly 5% of the overall PM work performed
- Planned Hours = 1.5 hrs
- Average = 2 hrs

- $433 \times .5 \text{ hrs} = 216.5 \text{ hrs}$
- 27 man-days of unknowingly overscheduling



# Customer Example – PM



# Roadmap







# Prometheus P&S for Maximo Roadmap

## 2022

### Scheduler

- PM Forecast Histogram
- Configurable Baseline/Snapshot
- Linking Work Orders/Tasks
- Enhanced Display Settings
- Advanced Filtering
- Simulation Mode

### Shift Updater

- Shifts & Exceptions Extending over 12 am

### Job Plan Module

- Job Labor Suggestions

### Additional Integration

- Analytics Integration
- Prometheus Dashboard
- JDE
- Oracle Cloud Fusion

## 2023

### Scheduler

- Break-In/Break-Out & Criteria
- Craft/Crew Management
- Advanced Saved Query Selection
- Lasso selection in Gantt
- Enhanced Task Linking
- Task Elasticity
- Industry Solution Support
- Reschedule by Unit/Value

### Shift Updater

- Multi-Shift Support
- Configurable Icon Exception Support
- Work Center Support

### Order Planner

- CRUD Tasks and Assignments

### Admin Panel

- Work Centers
- Role Based Field Access

## 2024 & BEYOND

### Suite

- MAS8/MAS9 Support

### Scheduler

- Auto Scheduling
- Long Description Support
- Nested Variants
- Saved Simulations

### Shift Updater

- Multi-exception Icon Support
- Exception Notes
- Exception Modification Capabilities

### Job Plan Module

- Query joins
- Allow Custom Fields to be edited
- Long Description Support
- Job Material Support

### Suite

- Enhanced Planning Functions, Materials & Attachments

# Conclusion

- Continuous Improvement
  - P&S is not a linear process
  - It's a circular process



Thank You!

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Questions?

