

Enhance Maximo Work Order Scheduling & PM Forecasting with Embedded Job Plan Analytics

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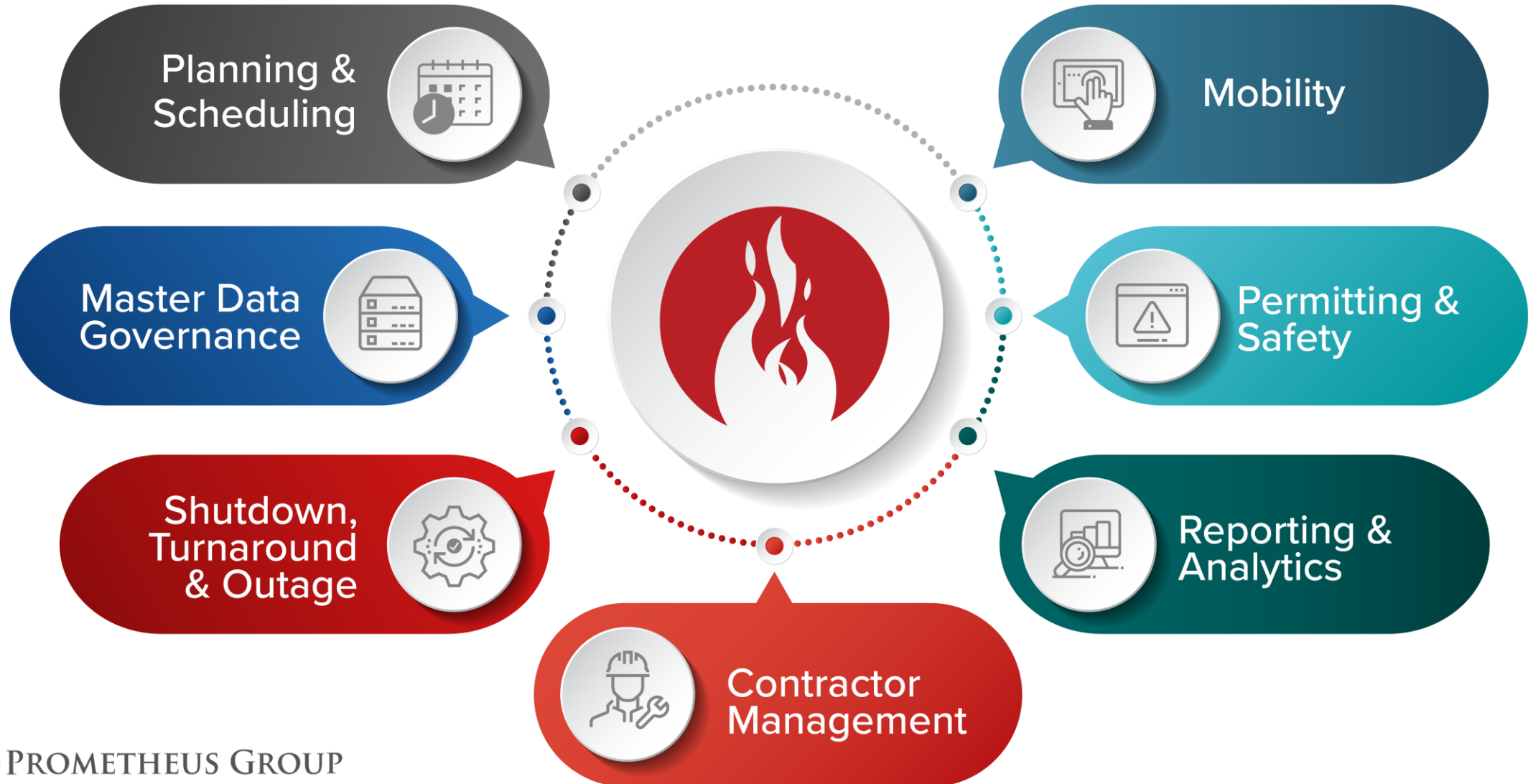


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Agenda

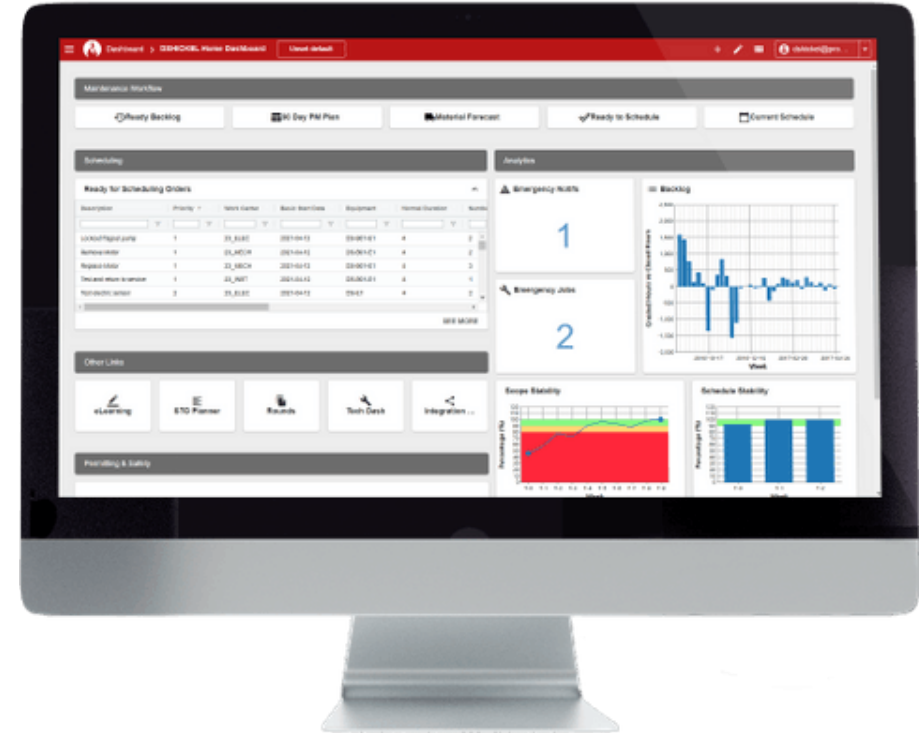
- Prometheus Overview
- Ask poll questions throughout
- Walk through common questions/issues
- How does Prometheus P&S address these items?
- Open it up for P&S questions
 - Ask questions ahead of time in the chat

The Prometheus Platform

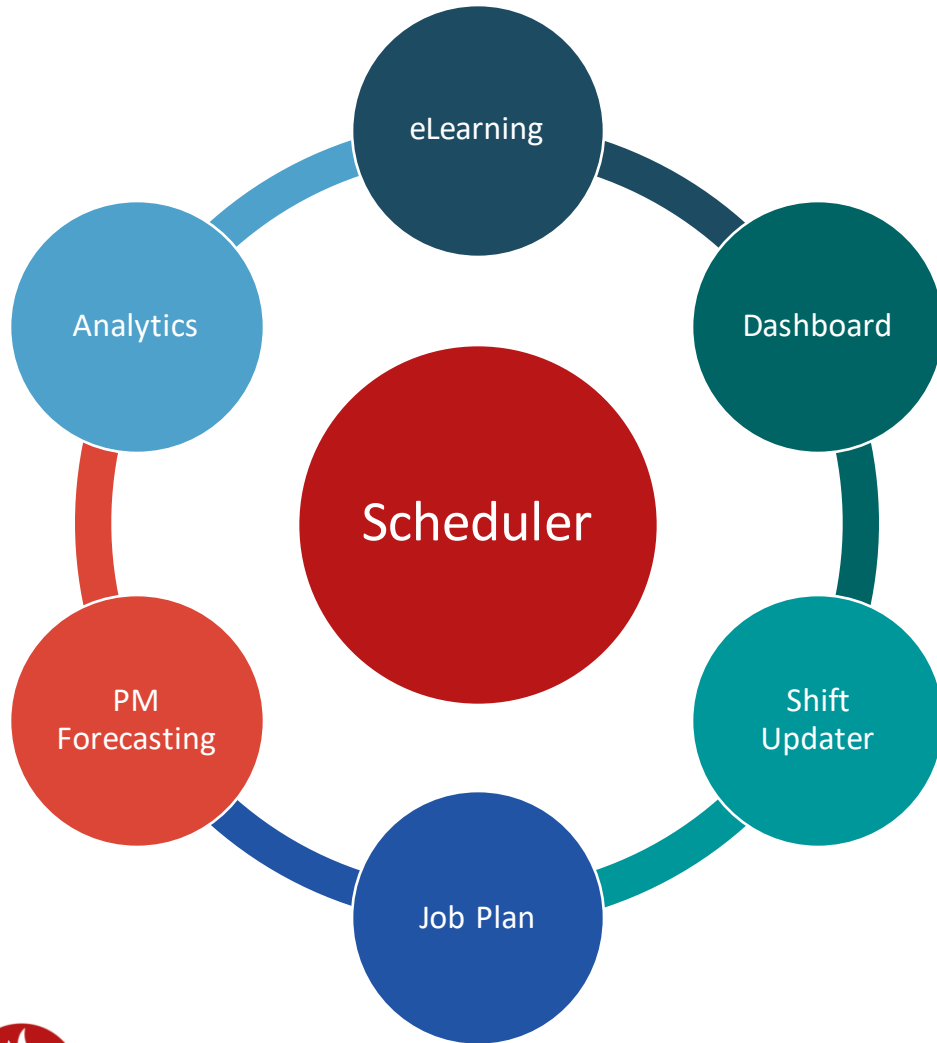


Prometheus Planning & Scheduling

- Intuitive web-based, graphical planning & scheduling suite
- Designed for work order management & has expanded to include:
 - Resource Availability
 - Preventive Maintenance
 - Job Plan Module with Analytics
- Configurable
- Prometheus Platform



Prometheus Web Suite



- Suite
 - Scheduler
 - Shift Updater
 - Job Plan
 - PM Forecasting
- Accompaniments
 - Analytics
 - eLearning
 - Dashboard

Poll Question

Are you capturing true resource availability (e.g. VAC, SICK, etc..) for P&S?

Poll Question

Are you utilizing PM Forecasts?

Common Questions/Issues

How can I show evidence that we don't have enough resources to perform our PM work, much less Reactive work?

- PM Hierarchies
- PM Seasons
- Job Plan Sequencing
- Meter based PMs
- Routes: Child WO, Task WO, Multi Asset Loc CI
- Lead Days

Common Questions/Issues cont.

How can I show evidence that we don't have enough resources to perform our PM work, much less Reactive work?

- Extended Dates
- Next Due Date vs Last Completion date
- Forecast New Dates
- Calendars/Shifts
- Availability Exceptions
- More...

Live Demonstration – PM Forecast



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Common Questions/Issues

Part 2: How can I show evidence that we don't have enough resources to perform our PM work, much less Reactive work?

- Resource exceptions were not being captured
- 10 resources
 - 3 weeks' vacation
 - 1 week training
 - 1 week sick
 - =250 days (2000 hours) unaccounted for

Live Demonstration – Shift Updater



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Poll Question

Do you compare estimates to actuals on your Job Plans?

Common Questions/Issues

Planned hours on PM WOs don't seem to be accurate

- How do you compare planned vs. actual hours?
- How do you reconcile differences?

Non-reactive reasons to compare planned vs. actuals

- Retiring workforce
- Implementing new software
- Change of process

Live Demonstration – Job Plan



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Recap



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Let's Compare

- PM Forecast Capacity – Prior to Updates

Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
152/294	140/280	175/322	140/294	170/308	145/308	140/294	175/322	140/308
664/664	600/660	740/736	600/664	730/712	630/704	610/672	735/736	625/696

- PM Forecast Capacity – After Updates

- Job Plan / Job Labor updated from 3 hours to 4 hours (1 hour delta)
- Add Time Off Resource Exceptions for two people

Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sep 2022
152/294	140/280	175/322	140/294	170/308	145/308	140/294	175/322	140/308
839/664	770/660	958.75/736	753.75/664	942.5/712	811.25/664	785/632	947.5/736	806.25/696

Benefits – PM Forecast

- Visually see PM Forecasted Items
- Solution does the complex processing
- Color coded capacity grid identifies over/under capacity
- Adjust PM Counters
- Delete/generate Forecasts
- Quickly identify high periodicity PMs
- Adjust *New Date* for Forecasted Items
- Reduce need for contractors



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Benefits – Shift Updater

- See resource availability based on any kind of grouping
- Reduce time with one click
- Add *work* or *extra-time*
- Modify shifts
- Shift exceptions immediately reflect in Scheduler
- More accurately perform PM Forecasting

Benefits – Job Plan Reviews

- Streamlines Job Plan updates with multi-revision
- Update multiple Job Plans at once
- Reduce time and effort to compare estimates to actuals
- Accurate Job Plans affect Work Order creation accuracy and PM Forecasting
- Properly planned jobs ensure laborers are not over/under scheduled



Poll Question

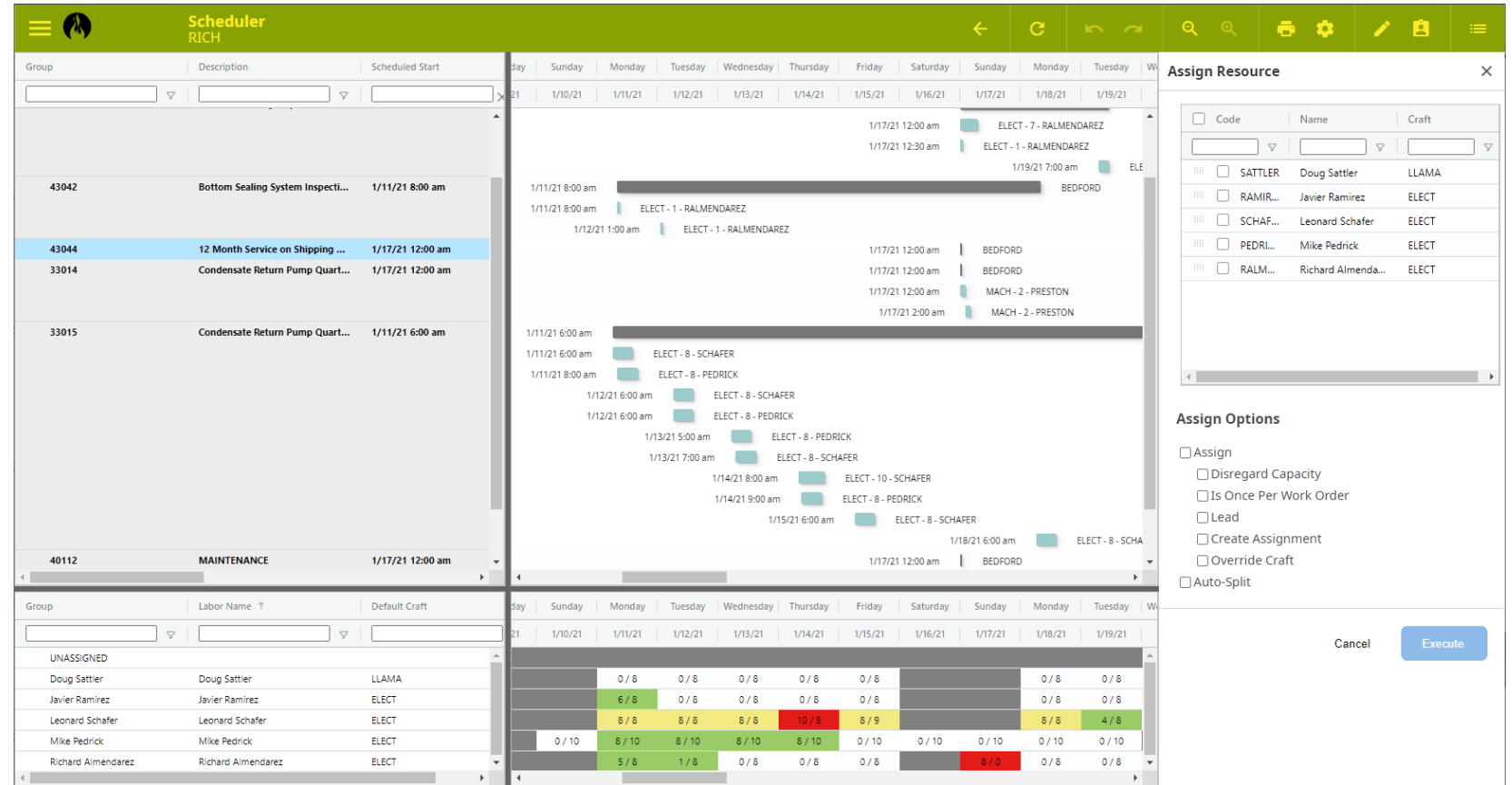
What Scheduling solution does your organization utilize?

Poll Question

Are you assigning resources to Work Orders?

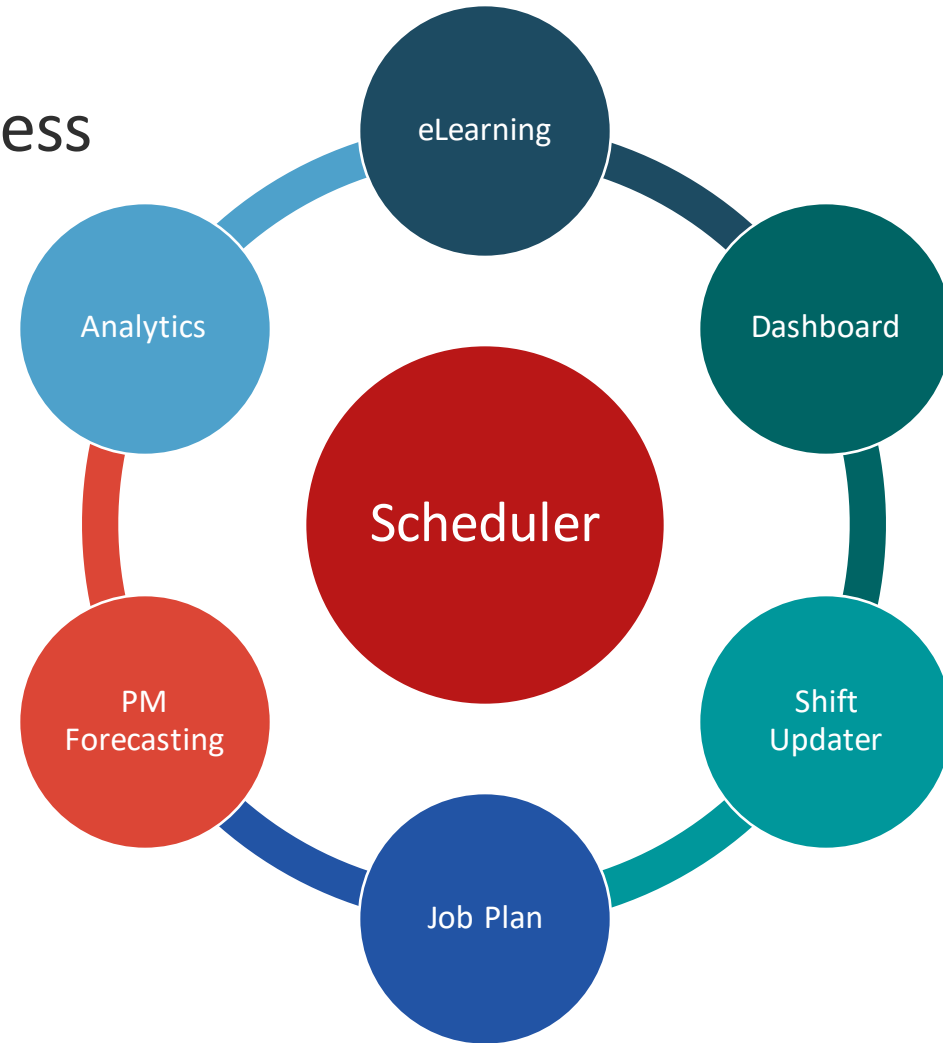
Scheduler

- Intuitive UI
- Inline editing of data and mass edit control
- Configurable display settings
- Mass Assign capabilities
- Split jobs based on availability
- View Date Constraints



Prometheus Web Suite

- Encompass all stages of the P&S process
- Streamline Processes
- Improve Efficiency
- Increase Visibility
- Provide Analytics
- Continue Education



Questions



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Thank You