What's New With Prometheus Planning & Scheduling

April 9, 2024

PROMETHEUS GROUP | 12TH ANNUAL USER CONFERENCE EUROPE

Speaker Introduction

Scott Brumby

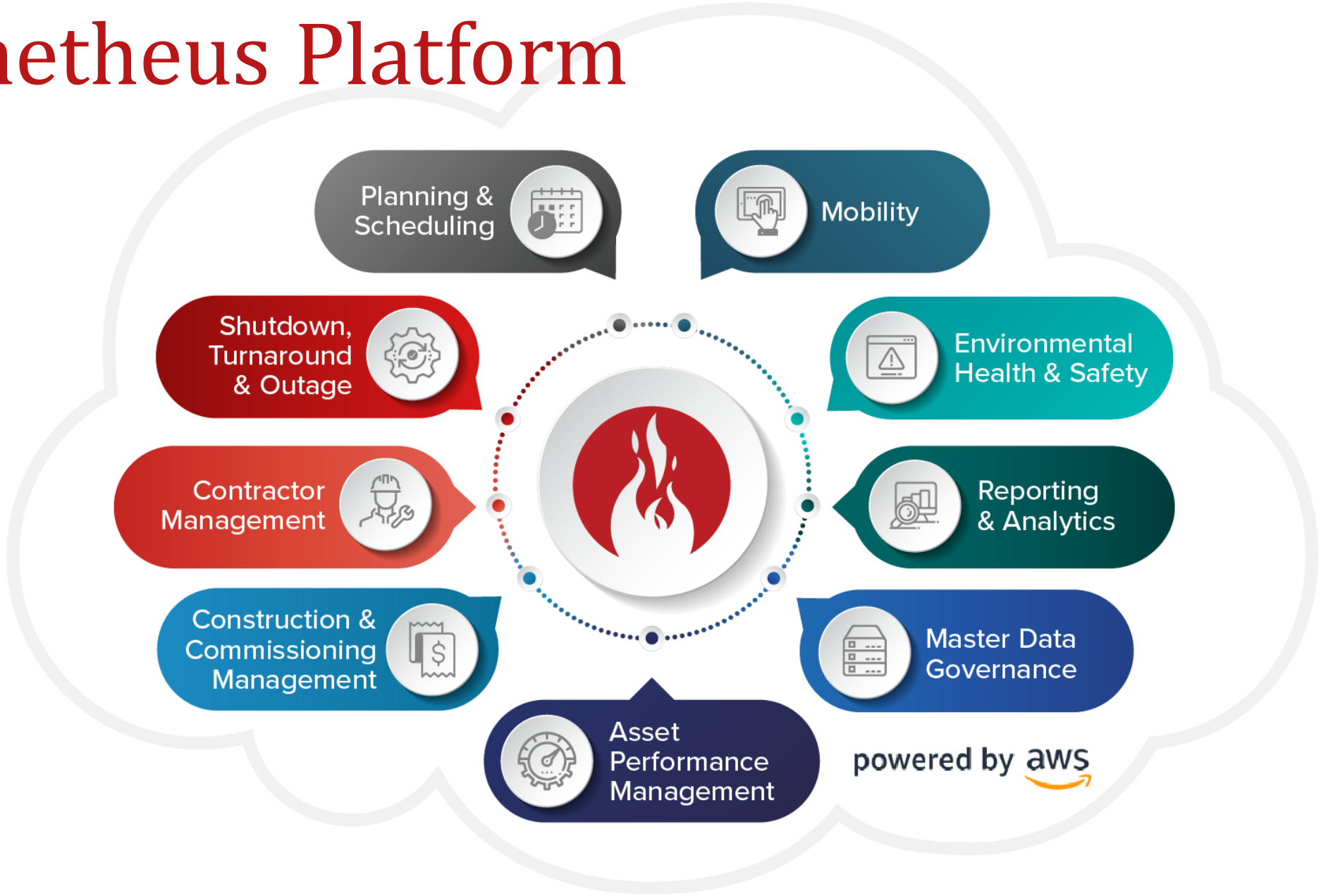
Pre-Sales Director

Agenda

- Prometheus Platform
- What Have We Been Doing, and Why?
- Planning & Scheduling
  - What You Have vs. What We Have
- Your Old Favourites
- Newer Functionality
- Where To Next?

PROMETHEUS GROUP 12TH ANNUAL USER CONFERENCE EUROPE

Prometheus Platform



Web Planning & Scheduling History

- Been developed since 2015 (Web visualizer)
- Covers all features from Scheduler/GWOS
- Going beyond previous features with the latest and greatest innovations
- New customers are on web and many existing customers are transitioning

Product Development Approach

- Customer-Driven Development – real world advancements from industry leading organizations
- End User Focused – easy and intuitive, drive adoption
- Process Integration – aligning maintenance and operations and Prometheus Platform solutions
- Intelligent Automation – data driven insights and works to enable process improvements

Transitioning to Web P&S

- Industry has been trending towards web interfaces (S/4HANA, Fiori):

ECC and S/4HANA compatible

More flexibility and new features

Cloud deployment options/lower IT burden

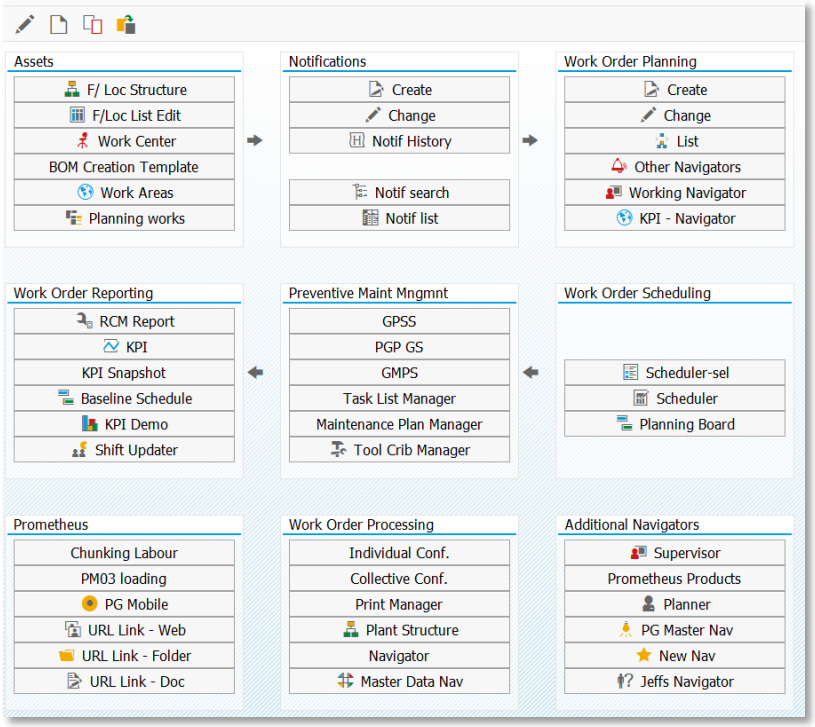
UI/UX uplift and improvements

Platform integration

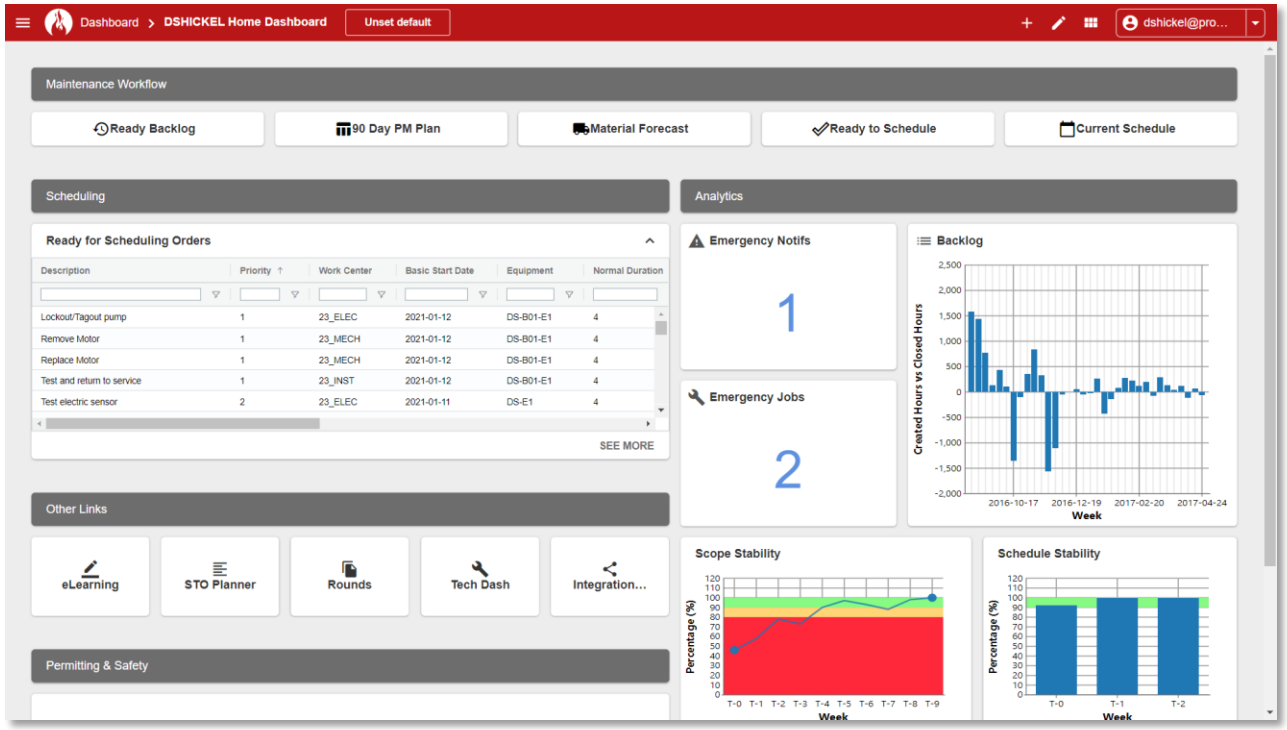
The New Look

The New Look – Dashboard (Navigator)

- ECC (Gui) look

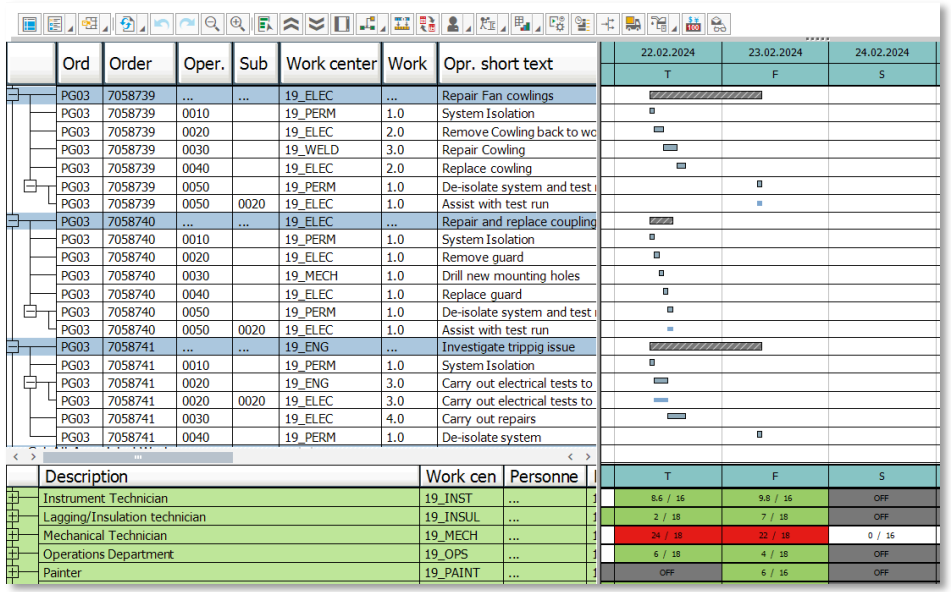


- Web Dashboard



The New Look – Web Scheduler

- ECC (Gui) look

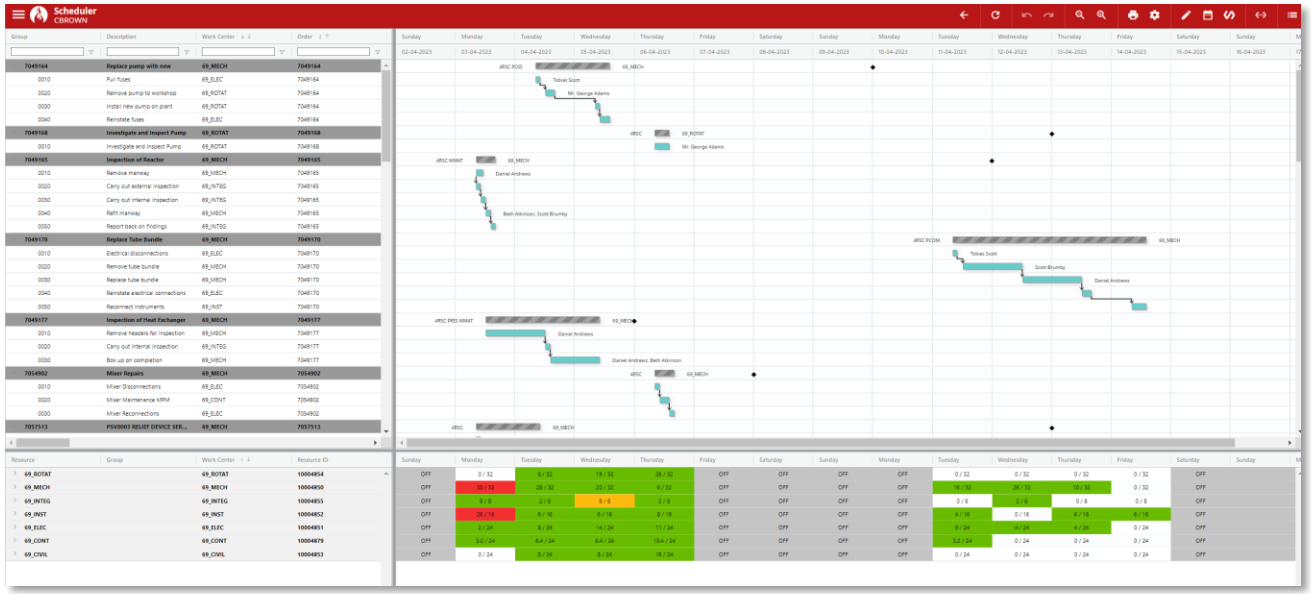


Ord	Order	Oper.	Sub	Work center	Work	Opr. short text
PG03	7058739	...	...	19_ELEC	...	Repair Fan cowlings
PG03	7058739	0010		19_PERM	1.0	System Isolation
PG03	7058739	0020		19_ELEC	2.0	Remove Cowling back to wo
PG03	7058739	0030		19_WELD	3.0	Repair Cowling
PG03	7058739	0040		19_ELEC	2.0	Replace cowling
PG03	7058739	0050		19_PERM	1.0	De-isolate system and test
PG03	7058739	0050	0020	19_ELEC	1.0	Assist with test run
PG03	7058740	...	...	19_ELEC	...	Repair and replace coupling
PG03	7058740	0010		19_PERM	1.0	System Isolation
PG03	7058740	0020		19_ELEC	1.0	Remove guard
PG03	7058740	0030		19_MECH	1.0	Drill new mounting holes
PG03	7058740	0040		19_ELEC	1.0	Replace guard
PG03	7058740	0050		19_PERM	1.0	De-isolate system and test
PG03	7058740	0050	0020	19_ELEC	1.0	Assist with test run
PG03	7058741	...	...	19_ENG	...	Investigate trippig issue
PG03	7058741	0010		19_PERM	1.0	System Isolation
PG03	7058741	0020		19_ENG	3.0	Carry out electrical tests to
PG03	7058741	0020	0020	19_ELEC	3.0	Carry out electrical tests to
PG03	7058741	0030		19_ELEC	4.0	Carry out repairs
PG03	7058741	0040		19_PERM	1.0	De-isolate system

Description	Work cen	Personne
Instrument Technician	19_INST	...
Lagging/Insulation technician	19_INSUL	...
Mechanical Technician	19_MECH	...
Operations Department	19_OPS	...
Painter	19_PAINT	...

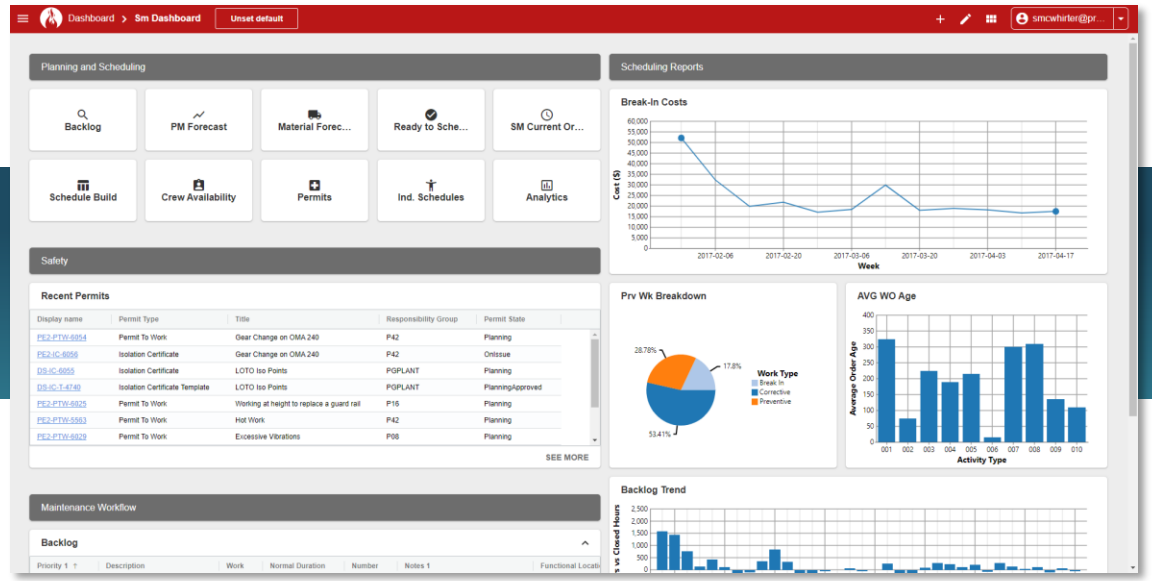
22.02.2024	23.02.2024	24.02.2024
T	F	S
8.6 / 16	9.8 / 16	OFF
2 / 18	7 / 18	OFF
24 / 18	22 / 18	0 / 16
6 / 18	4 / 18	OFF
OFF	6 / 16	OFF

- Web Scheduler



All Your Old Favourites

Planning & Scheduling



Dashboard
Easily standardize your process with a custom layout for all roles.

Graphical Scheduler
Schedule all work directly inside of SAP with real-time capacity data and carry out mass changes.

Order Planner
View and plan work orders in a simplified view and access planning enhancements.

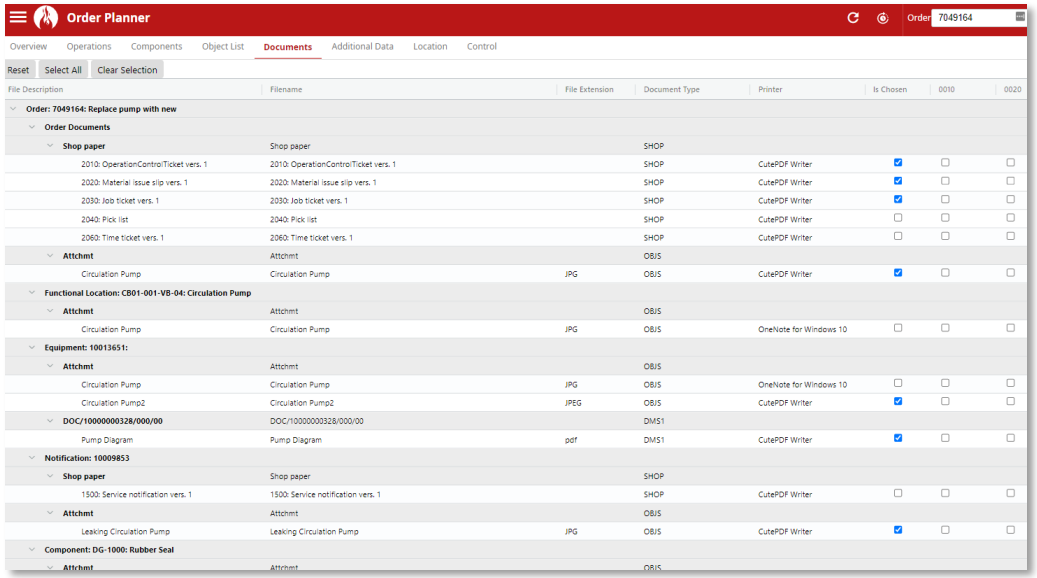
Work Package Manager
Collate all required documents in order to complete a work order.

O2TL & O2BOM
Streamline work orders by copying information to task lists and BOMs to use in the future.

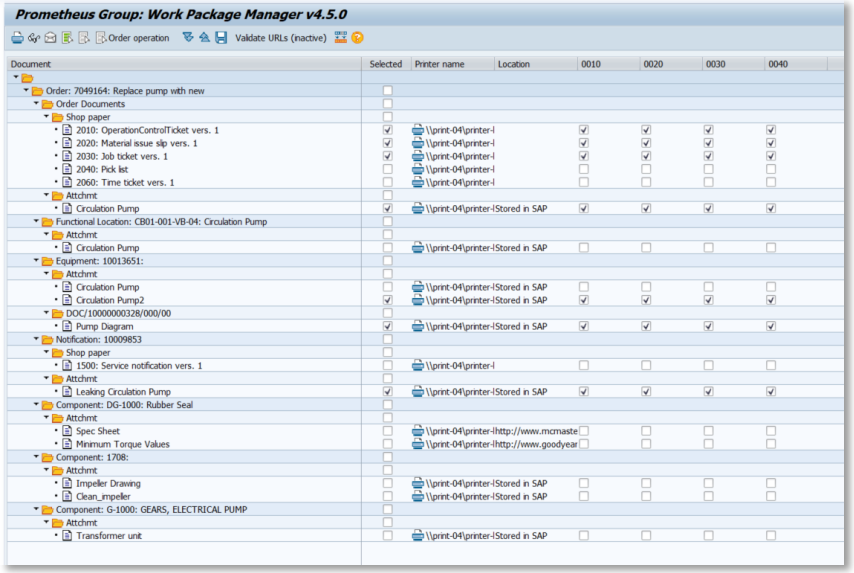
Material Shopping Cart
Search for materials with a multi-word search to ensure the right materials are added.

Work Package Manager

- New Web Look



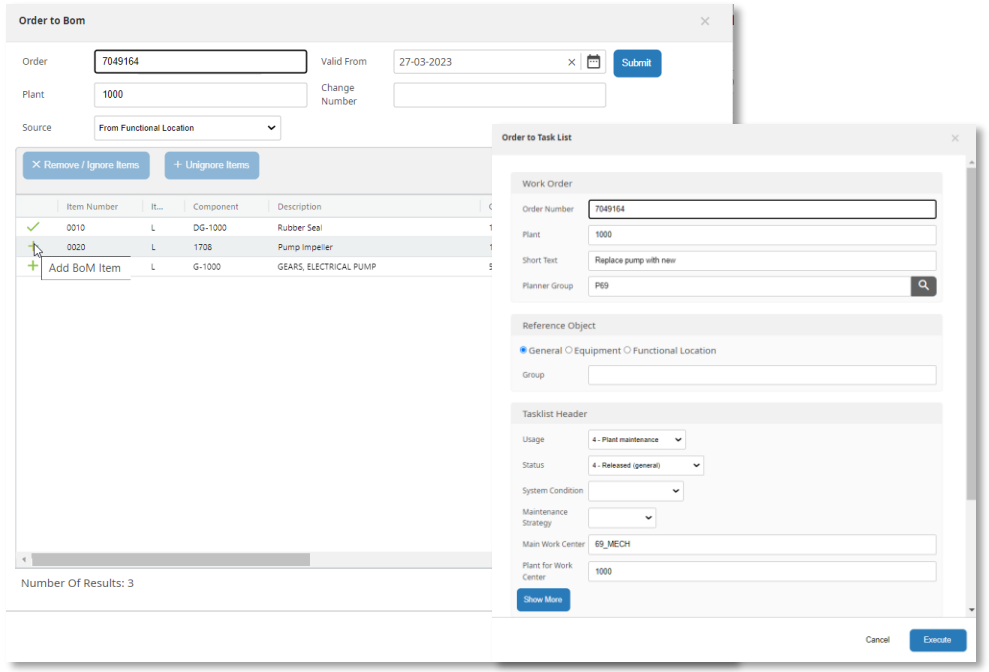
- ECC look

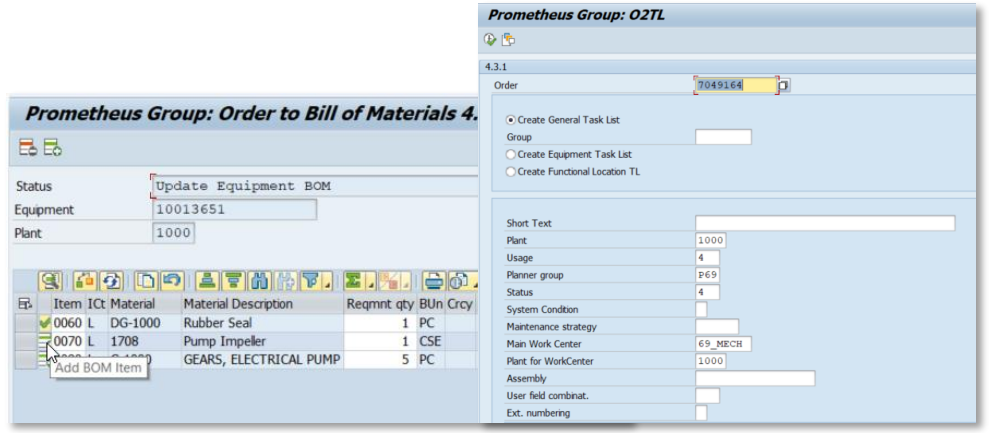


- Collates documentation associated with; work order, notification, equipment, FLOC, etc.
- Easy-to-use checklist format to print all documents

Order to Task List / BOM

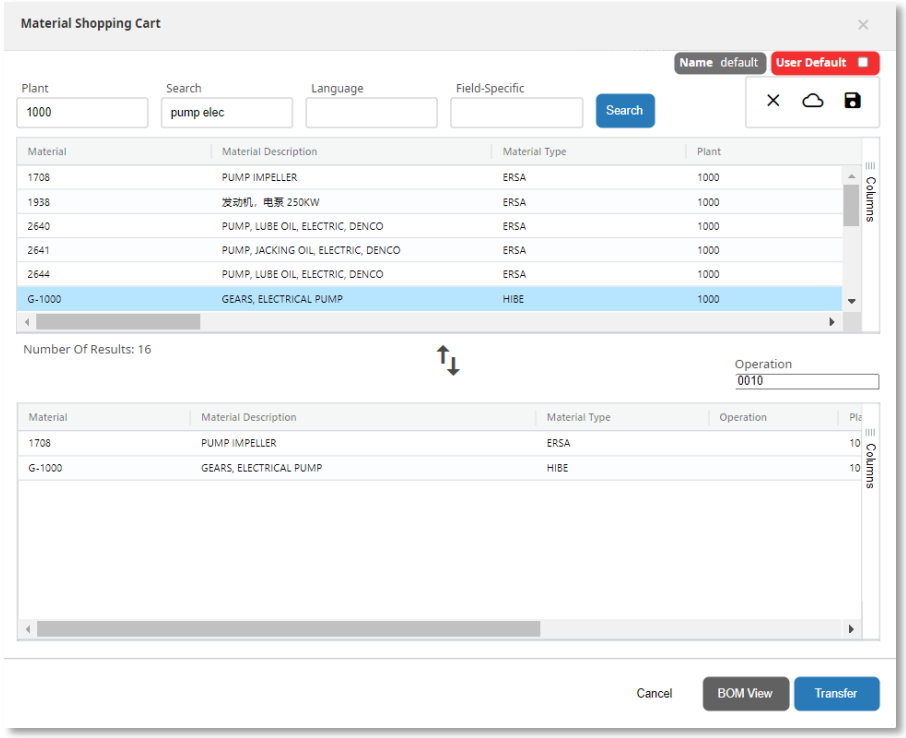
- Allows task lists to be created directly from a work order
  - Improves consistency amongst planners
  - Increases efficiency
- Allows BOM's to be created/updated using the planned materials on a work order

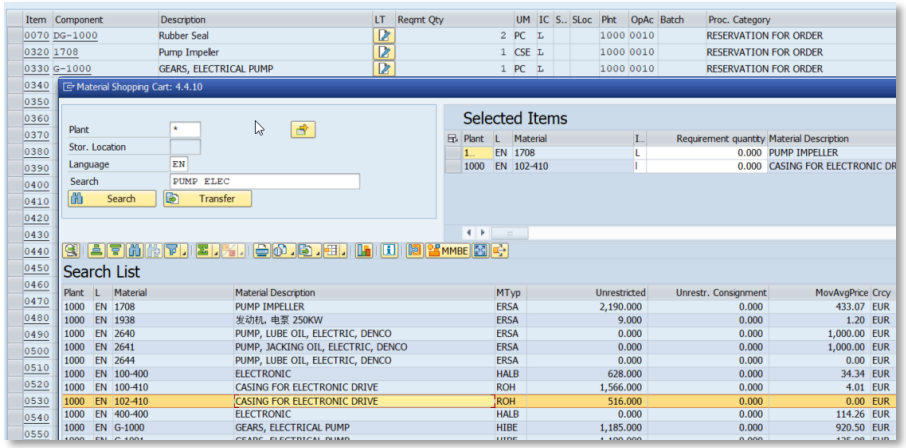




Material Shopping Cart

- Simplified search tool for materials
- Text search capabilities (no **'s)
- Searches material no., description, long text, PO long text, class, characteristics, and more
- Allows multiple materials to be searched and added in one go

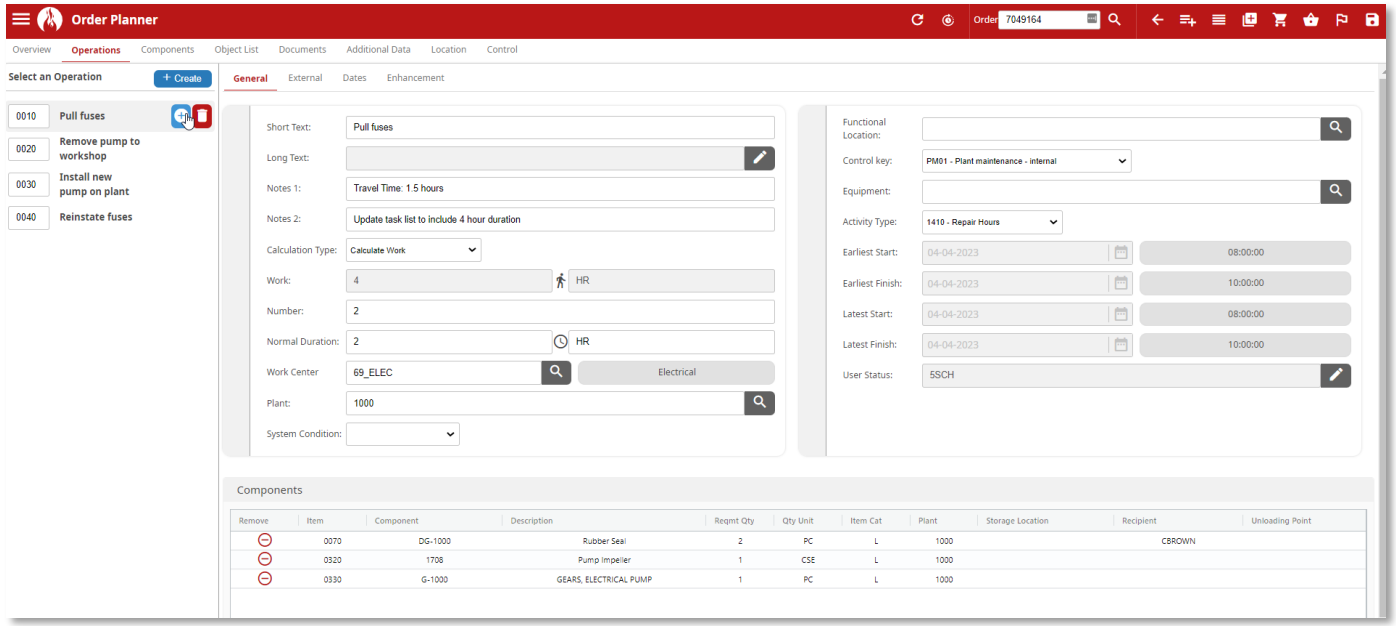




Newer Functionality

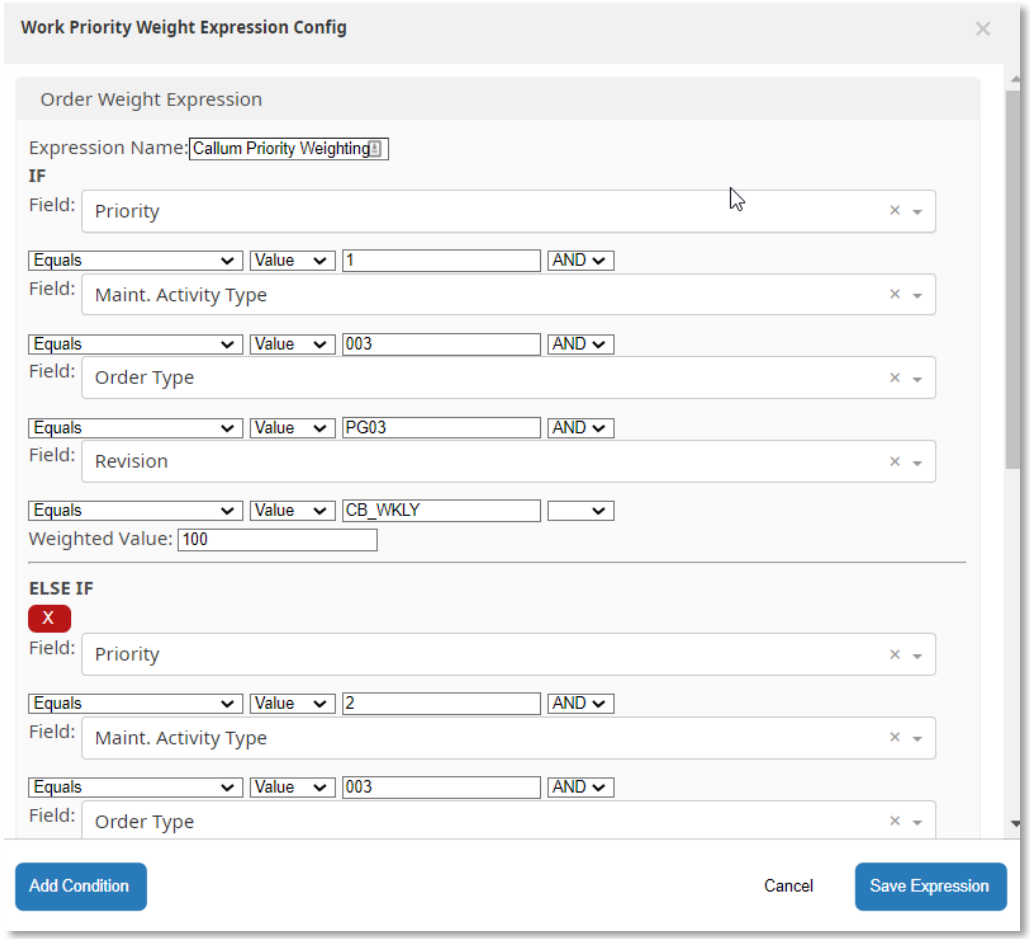
Order Planner

- Equivalent of IW32 containing order related information
- Configured to business process (fields visible, alternate names, mandatory, etc.)
- Allows for all planning actions to take place in a simplified user interface



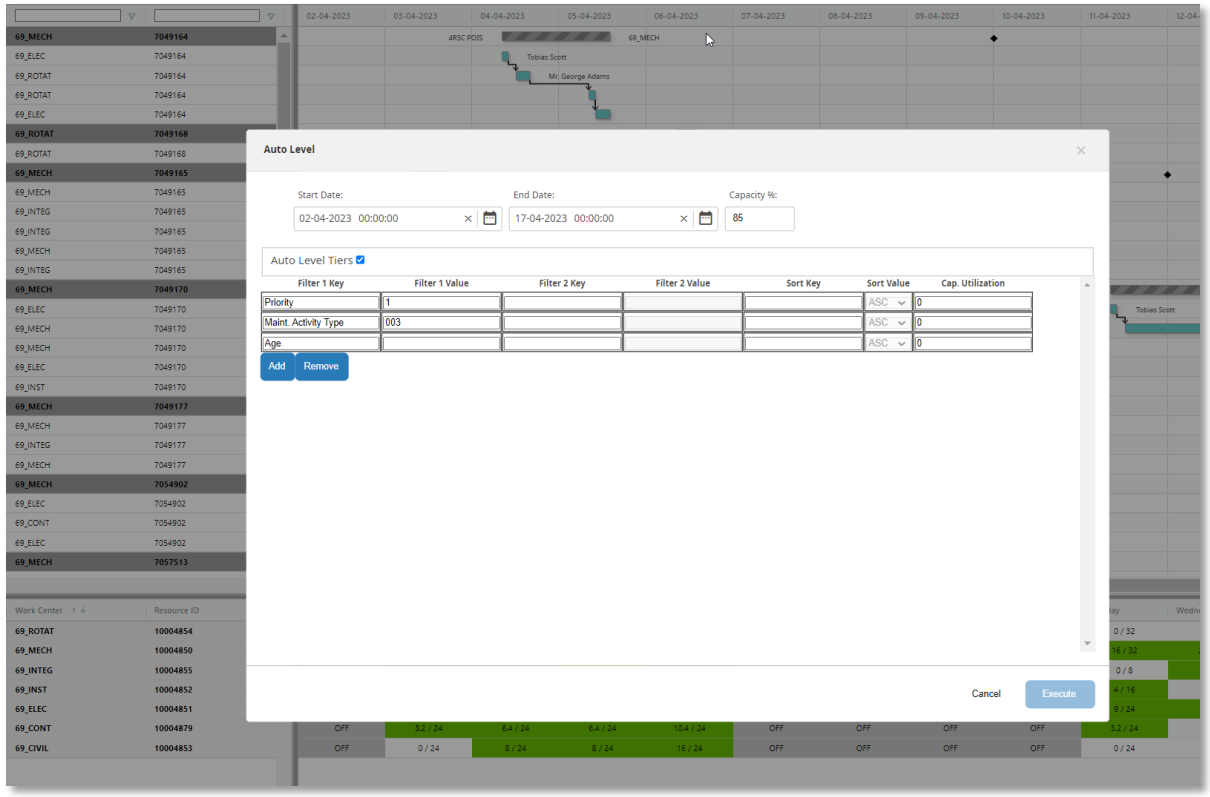
Weighted Priority

- True, calculated work order prioritization
- Which is more critical?
  - Priority
  - ABC indicator (Criticality)
  - Due date
  - Age



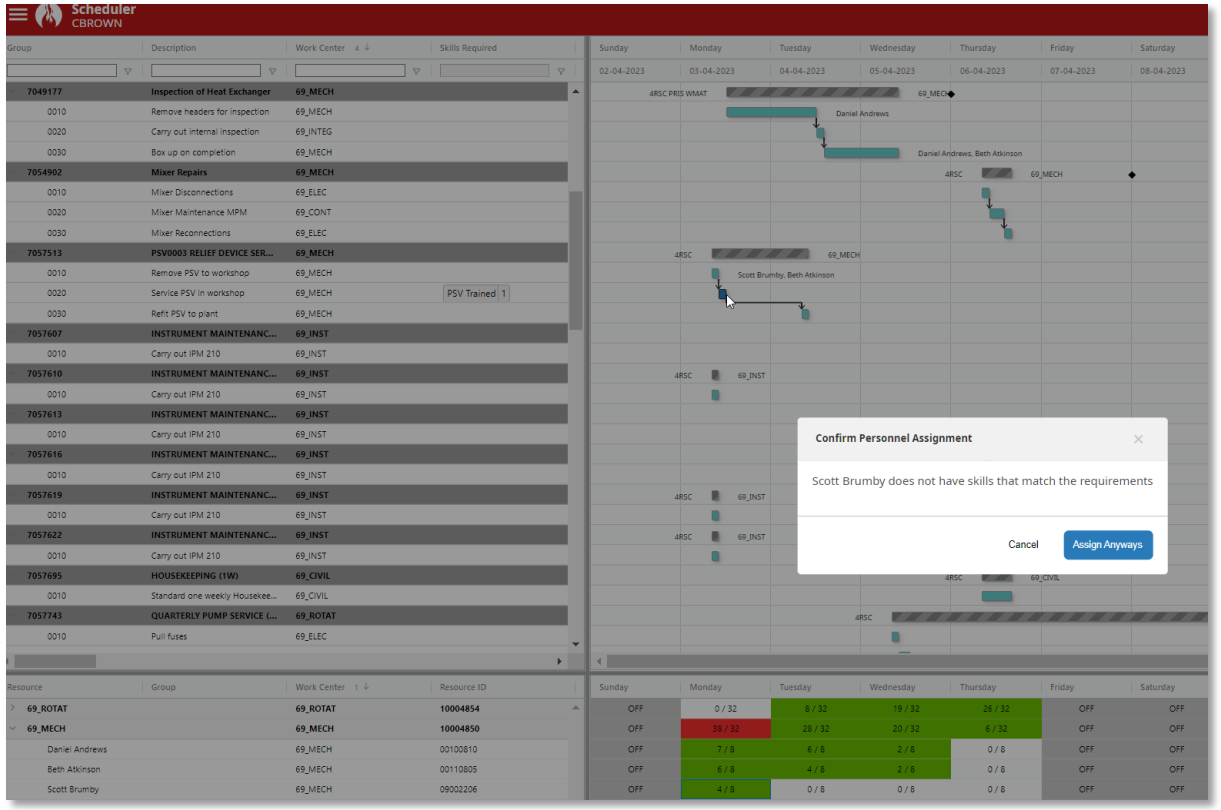
Tiered Auto-Level

- Create and save a scheduling algorithm
- Define % utilizations based on specific work criteria in a single pass
- Save to align expectations for best practice



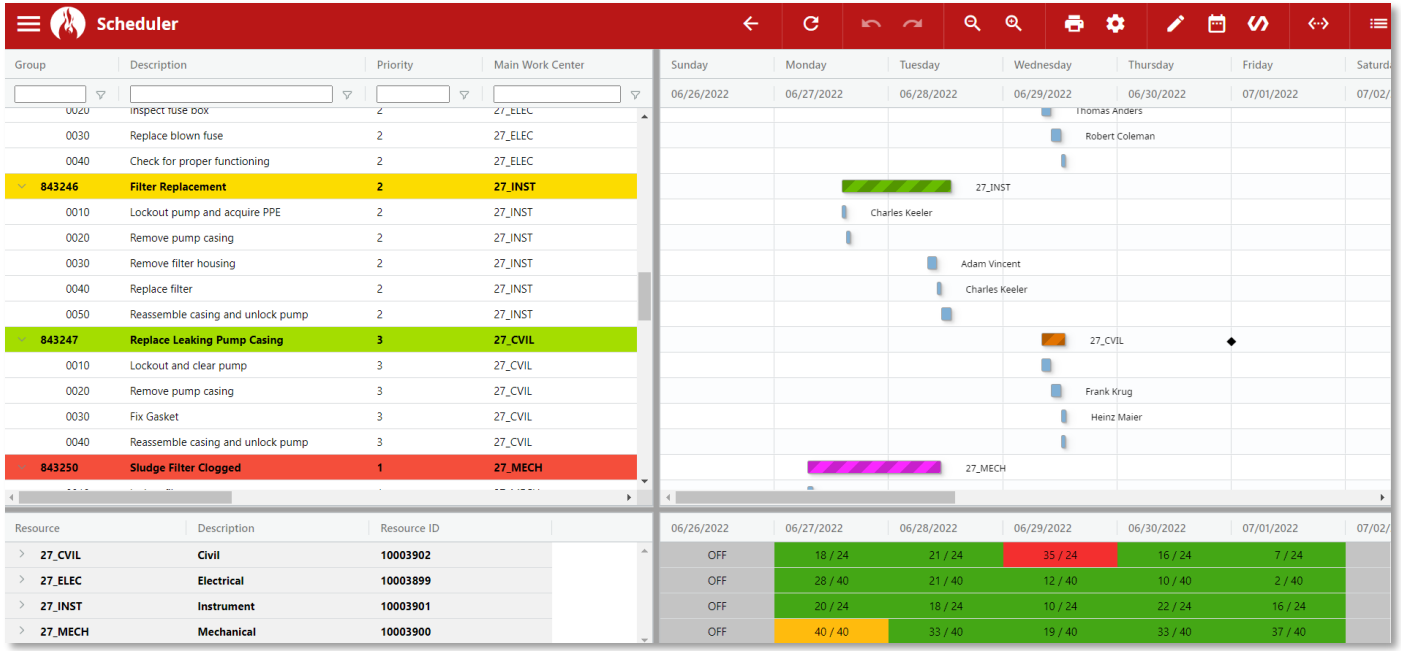
Skills Management

- Assign skill requirements to an operation
- Assign skills and skill levels to an individual
- Upon assigning a person to a task, the system will highlight if the individual is not qualified to carry out the job



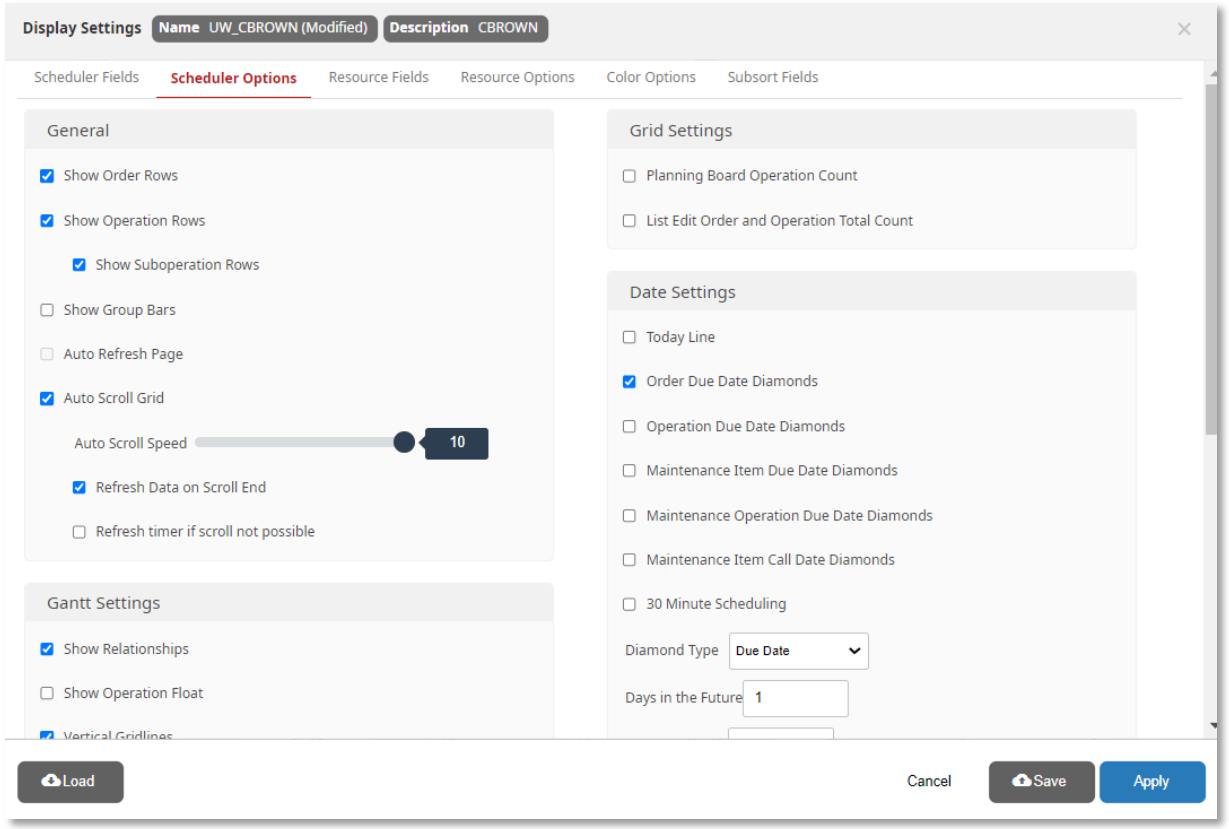
Color Coordination

- Use Cases:
  - Quickly find high priority work
  - Visualize conflicts or similar area work (using sort fields)
  - Understand who is doing what (WC colors)



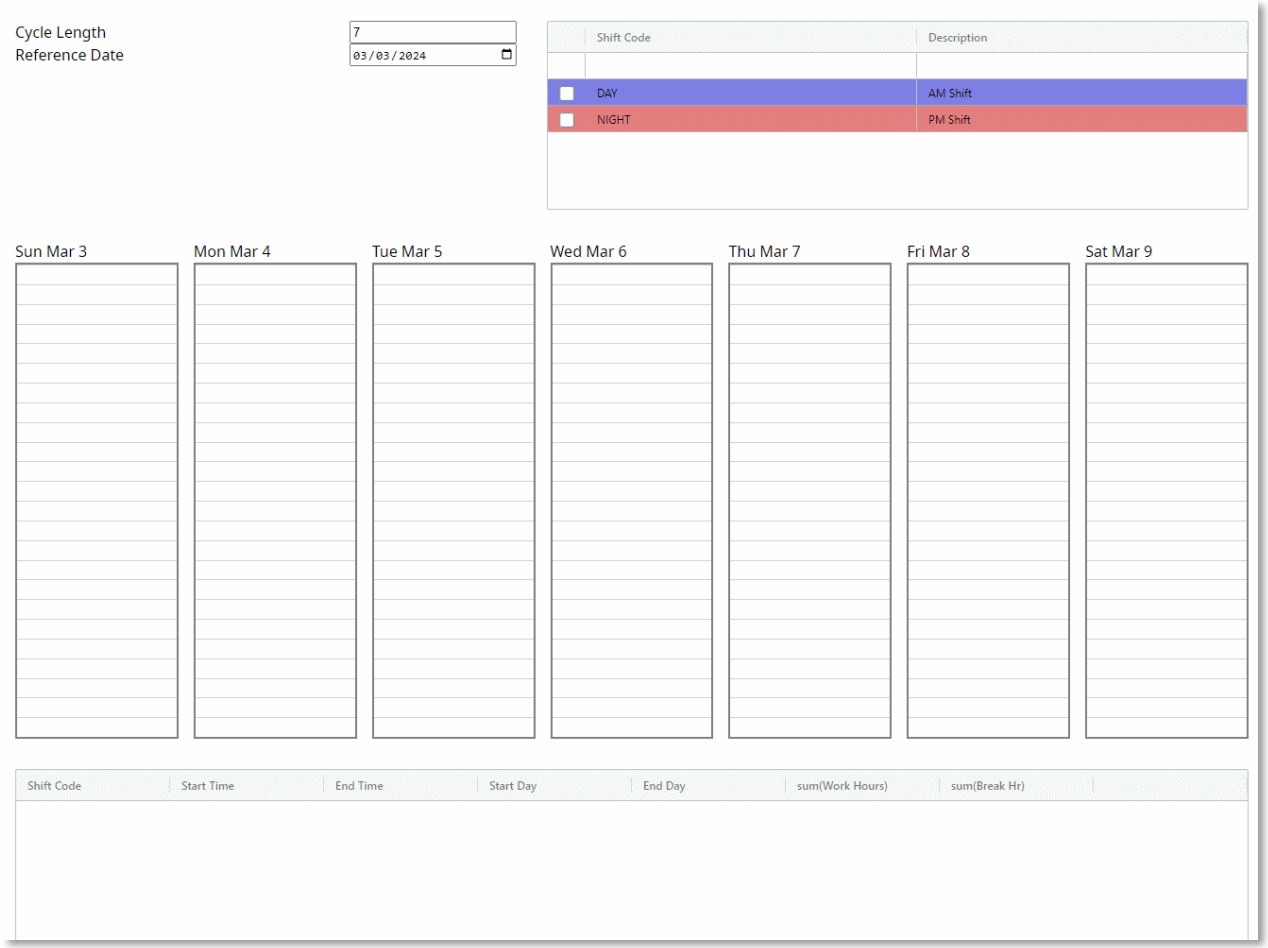
Auto-Scroll

- Display the scrolling schedule on monitors across site (e.g. in control rooms, permit huts, etc.)
  - Enhances visibility
  - Improve communication
  - Improve schedule compliance
  - Automatically refreshes



Shift Sequencer Updates

- Graphical interface to define multiple shift patterns of any cycle length
- Create recurring copies within the cycle once a shift is drawn



Where To Next?

Recent Developments

- Open API Scheduler
  - More cross-ERP/EAM unification
  - Improve performance
- Ad-Hoc (Free Text) resources
  - Manage Contractors within a schedule without forcing HRMS records
  - Add to crews and visualize capacities
  - Assign work within Prometheus
- Baselines and Reason Codes
  - Designed for measuring compliance for a weekly schedule
  - Snapshots on schedules
  - Define break-in and break-out reasons when moving work out of snapshot ranges
- Equipment Downtime Management
  - Determine downtime for assets without requiring integration
  - Ability to display availability in line with scheduled work orders

Scheduler Roadmap

2024

Scheduler
- Material logic enhancements for spares and kitting
- Baseline and reason management
- Major performance improvements for large volume schedules
- Custom column/field generation
- Open API scheduler
- Schedule conflicts enhancement
- Hourly histogram

Additional Modules
- Free text resource management
- GIS Routing
- Maintenance plan tuning (APM, Master Data integrations)
- Shift sequencing enhancements

2025

Scheduler
- Maintenance plan leveling
- Auto-assignment
- Schedule comments
- Recommended schedule changes
- Advanced conflict management
- Calendar view

Additional Modules
- Barrier management and cumulative risk views
- Repetitive task management
- SimOps

BEYOND

Additional Development
- 3D BOM integration
- Material spend optimization
- Extended partnerships
- Wearables for field planning

Planner Roadmap

2024

Planner
- Norms library enhancements
- Extended configurability for work planning
- Notification list views
- Contractor assignments (“free-text” resources)
- Advanced FLOC/Equipment details

Platform Integration
- APM feedback
- Permit and LOTO planning
- MDaaS integration

2025

Planner
- Suggested tasks
- Notification history
- Planner feedback
- Task list optimization

Additional Modules
- Cumulative risk and barrier management impacts
- Embedded analytics
- APM integration expansion

BEYOND

Additional Development
- 3D BOM Integration
- Material spend optimization
- Extended partnerships
- Wearables for field planning

Thank You!

Questions?

PROMETHEUS GROUP
12TH ANNUAL | USER
CONFERENCE
EUROPE

Scott Brumby – Pre-Sales Director