

What's New With Prometheus Planning & Scheduling

April 9, 2024



Speaker Introduction



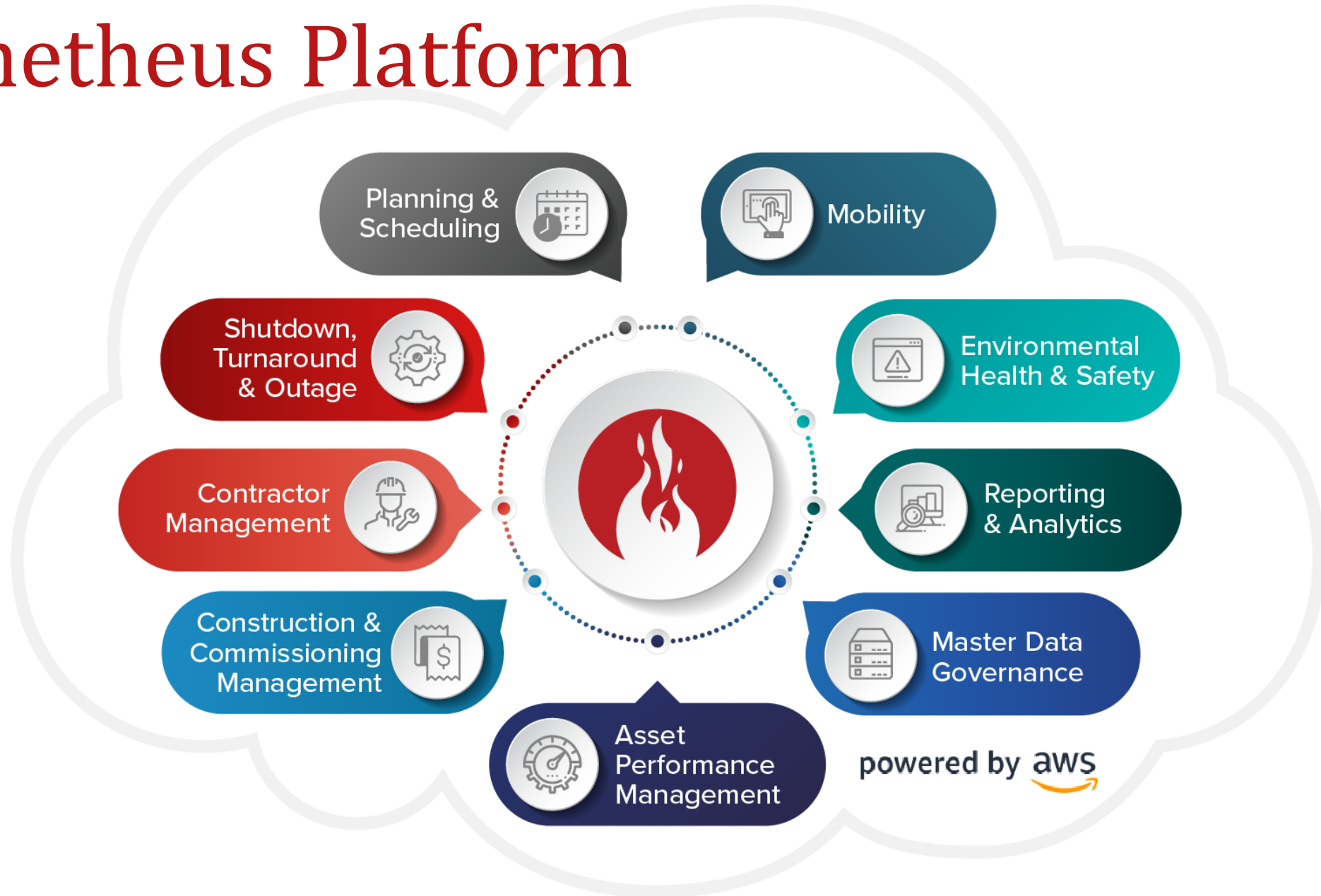
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Pre-Sales Director



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 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

The ECC (Gui) look dashboard is a grid-based interface with several main sections:

- Assets:** F/ Loc Structure, F/Loc List Edit, Work Center, BOM Creation Template, Work Areas, Planning works.
- Notifications:** Create, Change, Notif History, Notif search, Notif list.
- Work Order Planning:** Create, Change, List, Other Navigators, Working Navigator, KPI - Navigator.
- Work Order Reporting:** RCM Report, KPI, KPI Snapshot, Baseline Schedule, KPI Demo, Shift Updater.
- Preventive Maint Mngmnt:** GPSS, PGP GS, GMPS, Task List Manager, Maintenance Plan Manager, Tool Crib Manager.
- Work Order Scheduling:** Scheduler-sel, Scheduler, Planning Board.
- Prometheus:** Chunking Labour, PM03 loading, PG Mobile, URL Link - Web, URL Link - Folder, URL Link - Doc.
- Work Order Processing:** Individual Conf., Collective Conf., Print Manager, Plant Structure Navigator, Master Data Nav.
- Additional Navigators:** Supervisor, Prometheus Products, Planner, PG Master Nav, New Nav, Jeffs Navigator.

- Web Dashboard

The Web Dashboard is a modern, data-driven interface with a red header bar. It features several key components:

- Header:** Dashboard > DSHICKEL Home Dashboard, Unset default, and user profile (dshickel@pro...).
- Maintenance Workflow:** Ready Backlog, 90 Day PM Plan, Material Forecast, Ready to Schedule, Current Schedule.
- Scheduling:** Ready for Scheduling Orders table with columns: Description, Priority, Work Center, Basic Start Date, Equipment, Normal Duration.

Description	Priority	Work Center	Basic Start Date	Equipment	Normal Duration
Lockout/Tagout pump	1	23_ELEC	2021-01-12	DS-B01-E1	4
Remove Motor	1	23_MECH	2021-01-12	DS-B01-E1	4
Replace Motor	1	23_MECH	2021-01-12	DS-B01-E1	4
Test and return to service	1	23_INST	2021-01-12	DS-B01-E1	4
Test electric sensor	2	23_ELEC	2021-01-11	DS-E1	4
- Analytics:** Emergency Notifs (1), Emergency Jobs (2), Backlog chart (Created Hours vs Closed Hours), Scope Stability chart (Percentage %), Schedule Stability chart (Percentage %).
- Other Links:** eLearning, STO Planner, Rounds, Tech Dash, Integration...
- Permitting & Safety:** Section at the bottom.



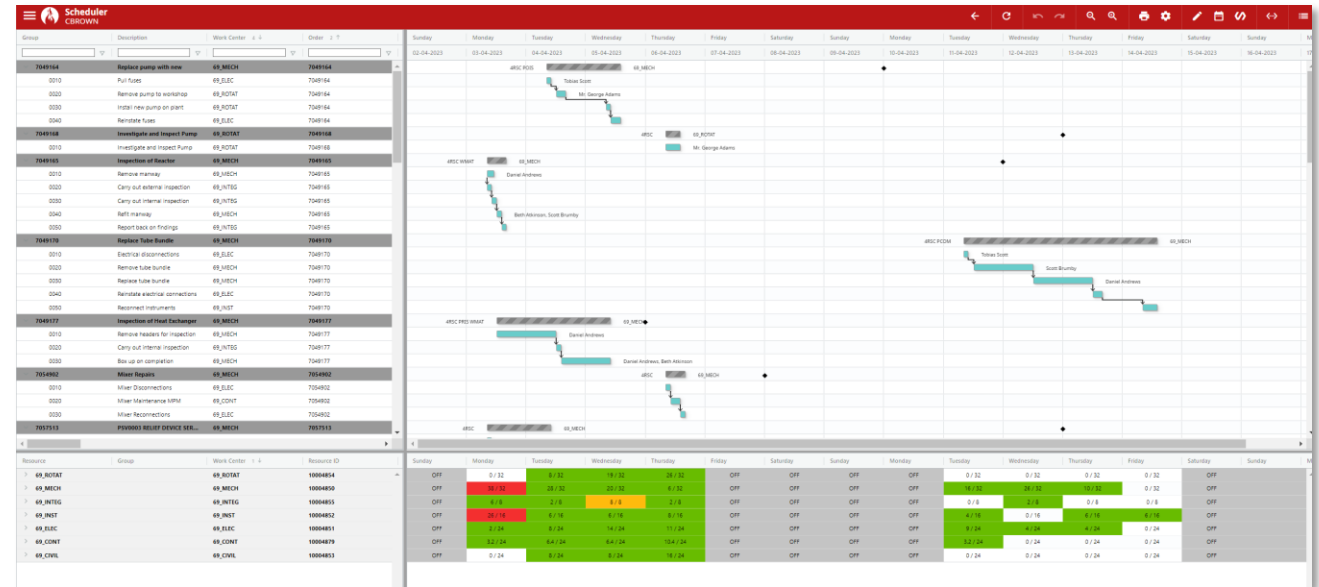
The New Look – Web Scheduler

- ECC (Gui) look

Ord	Order	Oper.	Sub	Work center	Work	Opr. short text	22.02.2024	23.02.2024	24.02.2024
PG03	7058739	...	...	19_ELEC	...	Repair Fan cowlings	T	F	S
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	0020	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 tripping 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	T	F	S
Instrument Technician	19_INST	...	8.6 / 16	9.8 / 16	OFF
Lagging/Insulation technician	19_INSUL	...	2 / 16	7 / 16	OFF
Mechanical Technician	19_MECH	...	24 / 16	22 / 16	0 / 16
Operations Department	19_OPS	...	6 / 16	4 / 16	OFF
Painter	19_PAINT	...	OFF	6 / 16	OFF

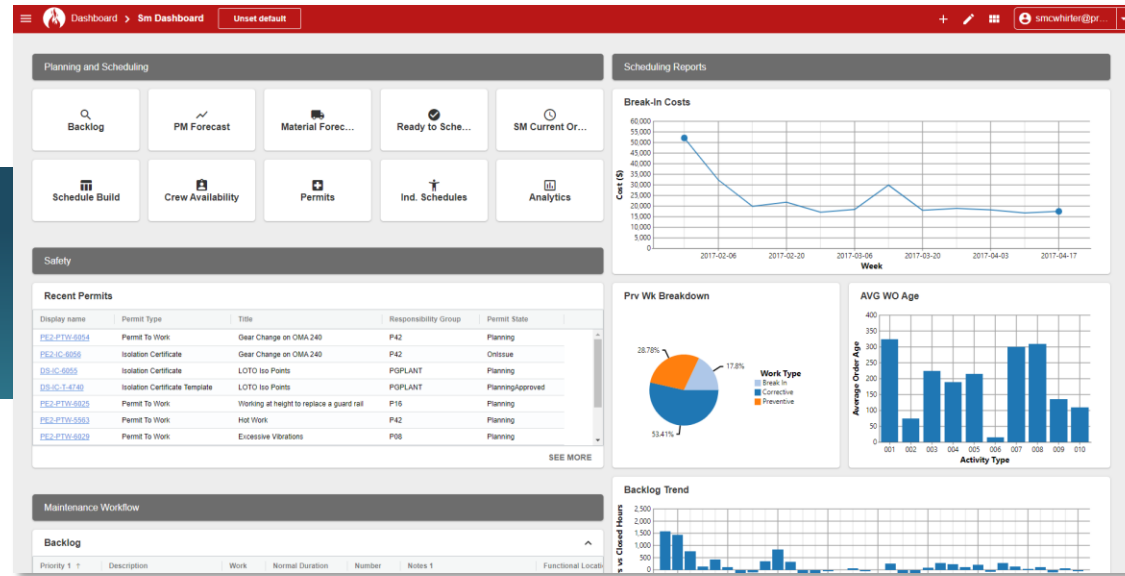
- Web Scheduler



All Your Old Favourites



Planning & Scheduling



Dashboard

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



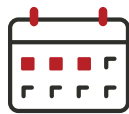
Order Planner

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



O2TL & O2BOM

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



Graphical Scheduler

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



Work Package Manager

Collate all required documents in order to complete a work order.



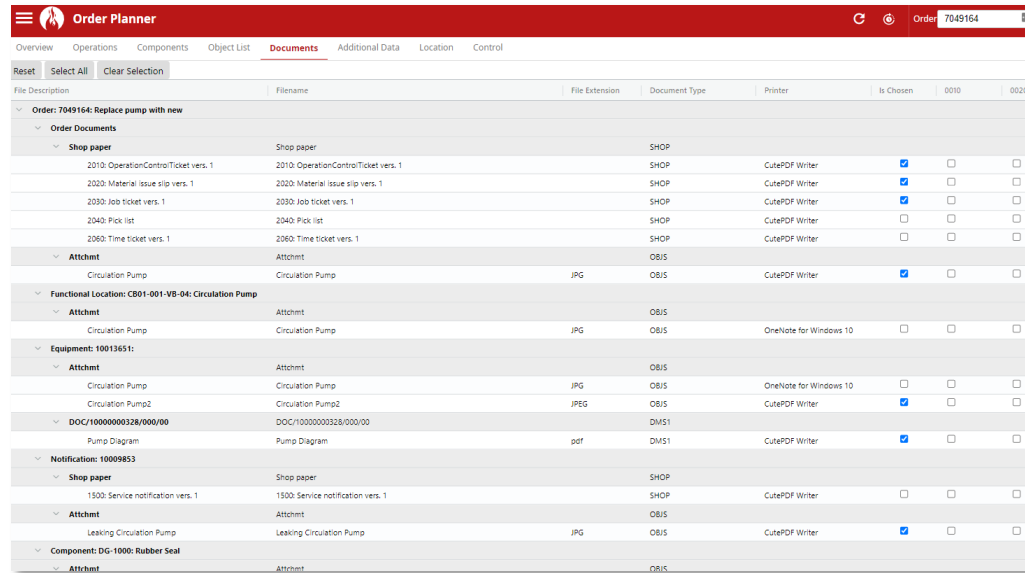
Material Shopping Cart

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



Work Package Manager

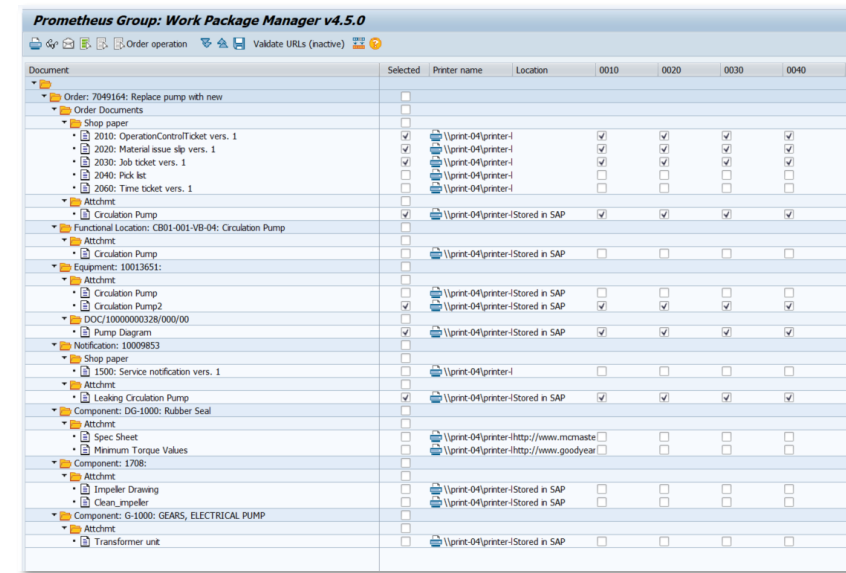
- New Web Look



The screenshot shows the 'Order Planner' web interface. The top navigation bar includes 'Overview', 'Operations', 'Components', 'Object List', 'Documents', 'Additional Data', 'Location', and 'Control'. The 'Documents' tab is active, displaying a table of documents for order 7049164. The table has columns for 'File Description', 'Filename', 'File Extension', 'Document Type', 'Printer', 'Is Chosen', and checkboxes for printing to various locations (0010, 0020).

File Description	Filename	File Extension	Document Type	Printer	Is Chosen	0010	0020
Order: 7049164: Replace pump with new							
Order Documents							
Shop paper	Shop paper		SHOP				
2010: OperationControlTicket vers. 1	2010: OperationControlTicket vers. 1		SHOP	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2020: Material issue slip vers. 1	2020: Material issue slip vers. 1		SHOP	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2030: Job ticket vers. 1	2030: Job ticket vers. 1		SHOP	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2040: Pick list	2040: Pick list		SHOP	CutePDF Writer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2060: Time ticket vers. 1	2060: Time ticket vers. 1		SHOP	CutePDF Writer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment	Attachment		OBIS				
Circulation Pump	Circulation Pump	JPG	OBIS	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Functional Location: CB01-001-VB-04: Circulation Pump							
Attachment	Attachment		OBIS				
Circulation Pump	Circulation Pump	JPG	OBIS	OneNote for Windows 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment: 10013651:							
Attachment	Attachment		OBIS				
Circulation Pump	Circulation Pump	JPG	OBIS	OneNote for Windows 10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Circulation Pump2	Circulation Pump2	JPEG	OBIS	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOC/1000000328/000/00	DOC/1000000328/000/00		DMS1				
Pump Diagram	Pump Diagram	pdf	DMS1	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Notification: 10009853							
Shop paper	Shop paper		SHOP				
1500: Service notification vers. 1	1500: Service notification vers. 1		SHOP	CutePDF Writer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment	Attachment		OBIS				
Leaking Circulation Pump	Leaking Circulation Pump	JPG	OBIS	CutePDF Writer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Component: DG-1000: Rubber Seal							
Attachment	Attachment		OBIS				

- ECC look



The screenshot shows the 'Prometheus Group: Work Package Manager v4.5.0' interface. It displays a document checklist for order 7049164. The interface includes a 'Document' column, a 'Selected' checkbox, a 'Printer name' column, and a grid of checkboxes for printing to various locations (0010, 0020, 0030, 0040).

Document	Selected	Printer name	Location	0010	0020	0030	0040
Order: 7049164: Replace pump with new	<input type="checkbox"/>						
Order Documents							
Shop paper	<input checked="" type="checkbox"/>	\\print-04\printer-1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2010: OperationControlTicket vers. 1	<input checked="" type="checkbox"/>	\\print-04\printer-1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2020: Material issue slip vers. 1	<input checked="" type="checkbox"/>	\\print-04\printer-1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2030: Job ticket vers. 1	<input checked="" type="checkbox"/>	\\print-04\printer-1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2040: Pick list	<input type="checkbox"/>	\\print-04\printer-1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2060: Time ticket vers. 1	<input type="checkbox"/>	\\print-04\printer-1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment							
Circulation Pump	<input checked="" type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Functional Location: CB01-001-VB-04: Circulation Pump							
Attachment							
Circulation Pump	<input type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment: 10013651:							
Circulation Pump	<input type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Circulation Pump2	<input checked="" type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DOC/1000000328/000/00	<input type="checkbox"/>						
Pump Diagram	<input checked="" type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Notification: 10009853							
Shop paper	<input type="checkbox"/>						
1500: Service notification vers. 1	<input type="checkbox"/>	\\print-04\printer-1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Attachment							
Leaking Circulation Pump	<input checked="" type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Component: DG-1000: Rubber Seal							
Attachment							
Spec Sheet	<input type="checkbox"/>	\\print-04\printer-1http://www.mcmaeste		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimum Torque Values	<input type="checkbox"/>	\\print-04\printer-1http://www.goodyear		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Component: 1708:							
Attachment							
Impeller Drawing	<input type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean Impeller	<input type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Component: G-1000: GEARS, ELECTRICAL PUMP							
Attachment							
Transformer unit	<input type="checkbox"/>	\\print-04\printer-1Stored in SAP		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- 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

The image shows two overlapping SAP windows. The top window is 'Order to BOM' with fields for Order (7049164), Valid From (27-03-2023), Plant (1000), and Source (From Functional Location). Below is a table of items:

Item Number	It...	Component	Description
0010	L	DG-1000	Rubber Seal
0020	L	1708	Pump Impeller
+ Add BoM Item	L	G-1000	GEARS, ELECTRICAL PUMP

The bottom window is 'Order to Task List' with fields for Work Order (7049164), Plant (1000), Short Text (Replace pump with new), and Planner Group (P69). It also has fields for Reference Object, Tasklist Header (Usage: 4-Plant maintenance, Status: 4-Released (general)), System Condition, Maintenance Strategy, Main Work Center (69_MECH), and Plant for Work Center (1000).

The image shows the 'Prometheus Group: Order to Bill of Materials 4.0' window. It displays the status 'Update Equipment BOM' for equipment 10013651 at plant 1000. Below is a table of items:

Item	ICt	Material	Material Description	Reqmnt	qty	BUn	Crcy
0060	L	DG-1000	Rubber Seal	1	PC		
0070	L	1708	Pump Impeller	1	CSE		
+ Add BOM Item			GEARS, ELECTRICAL PUMP	5	PC		

On the right, there is a 'Prometheus Group: O2TL' window showing a list of fields for the task list, including Order (7049164), Group, Short Text, Plant (1000), Usage (4), Planner group (P69), Status (4), System Condition, Maintenance strategy, Man Work Center (69_MECH), Plant for WorkCenter (1000), Assembly, User field combinat., and Ext. numbering.



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

Material Shopping Cart

Plant: 1000 Search: pump elec Language: Field-Specific: Search

Material	Material Description	Material Type	Plant
1708	PUMP IMPELLER	ERSA	1000
1938	发动机, 电机 250KW	ERSA	1000
2640	PUMP, LUBE OIL, ELECTRIC, DENCO	ERSA	1000
2641	PUMP, JACKING OIL, ELECTRIC, DENCO	ERSA	1000
2644	PUMP, LUBE OIL, ELECTRIC, DENCO	ERSA	1000
G-1000	GEARS, ELECTRICAL PUMP	HIBE	1000

Number Of Results: 16

Operation: 0010

Material	Material Description	Material Type	Operation	Plt
1708	PUMP IMPELLER	ERSA		10
G-1000	GEARS, ELECTRICAL PUMP	HIBE		10

Buttons: Cancel, BOM View, Transfer

Item Component Description LT Reqmt Qty UM IC S. SLoc Prit OpAc Batch Proc. Category

0070	DG-1000	Rubber Seal			2	PC	I		1000	0010		RESERVATION FOR ORDER
0320	1708	Pump Impeller			1	CSE	I		1000	0010		RESERVATION FOR ORDER
0330	G-1000	GEARS, ELECTRICAL PUMP			1	PC	I		1000	0010		RESERVATION FOR ORDER

Material Shopping Cart: 4.4.10

Plant: Stor. Location: Language: EN Search: PUMP ELEC Transfer

Selected Items

Pl	Plant	L	Material	L	Requirement quantity	Material Description
1	EN	1708		L	0.000	PUMP IMPELLER
1000	EN	102-410		I	0.000	CASING FOR ELECTRONIC DR

Search List

Plant	L	Material	Material Description	MTyp	Unrestricted	Unrestr. Consignment	MovAvgPrice	Crpy
1000	EN	1708	PUMP IMPELLER	ERSA	2,190.000	0.000	433.07	EUR
1000	EN	1938	发动机, 电机 250KW	ERSA	9.000	0.000	1.20	EUR
1000	EN	2640	PUMP, LUBE OIL, ELECTRIC, DENCO	ERSA	0.000	0.000	1,000.00	EUR
1000	EN	2641	PUMP, JACKING OIL, ELECTRIC, DENCO	ERSA	0.000	0.000	1,000.00	EUR
1000	EN	2644	PUMP, LUBE OIL, ELECTRIC, DENCO	ERSA	0.000	0.000	0.00	EUR
1000	EN	100-400	ELECTRONIC	HALB	628.000	0.000	34.34	EUR
1000	EN	100-410	CASING FOR ELECTRONIC DRIVE	ROH	1,566.000	0.000	4.01	EUR
1000	EN	102-410	CASING FOR ELECTRONIC DRIVE	ROH	516.000	0.000	0.00	EUR
1000	EN	400-400	ELECTRONIC	HALB	0.000	0.000	114.26	EUR
1000	EN	G-1000	GEARS, ELECTRICAL PUMP	HIBE	1,185.000	0.000	920.50	EUR
1000	EN	G-1000	GEARS, ELECTRICAL PUMP	HIBE	1,185.000	0.000	436.88	EUR



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

The screenshot displays the 'Order Planner' software interface. The main window is titled 'Order Planner' and shows a task configuration screen for 'Pull fuses'. The interface is divided into several sections:

- Left Panel:** A list of operations with checkboxes and icons. The selected operation is '0010 Pull fuses'. Other operations include '0020 Remove pump to workshop', '0030 Install new pump on plant', and '0040 Reinstate fuses'.
- General Tab:** Contains fields for 'Short Text' (Pull fuses), 'Long Text', 'Notes 1' (Travel Time: 1.5 hours), 'Notes 2' (Update task list to include 4 hour duration), 'Calculation Type' (Calculate Work), 'Work' (4 HR), 'Number' (2), 'Normal Duration' (2 HR), 'Work Center' (69_ELEC), 'Plant' (1000), and 'System Condition'.
- Right Panel:** Contains fields for 'Functional Location', 'Control key' (PM01 - Plant maintenance - Internal), 'Equipment', 'Activity Type' (1410 - Repair Hours), 'Earliest Start' (04-04-2023 08:00:00), 'Earliest Finish' (04-04-2023 10:00:00), 'Latest Start' (04-04-2023 08:00:00), 'Latest Finish' (04-04-2023 10:00:00), and 'User Status' (SSCH).
- Components Table:** A table listing components required for the task.

Remove	Item	Component	Description	Reqmt Qty	Qty Unit	Item Cat	Plant	Storage Location	Recipient	Unloading Point
<input type="checkbox"/>	0070	DC-1000	Rubber Seal	2	PC	L	1000			
<input type="checkbox"/>	0320	1706	Pump Impeller	1	CSE	L	1000			
<input type="checkbox"/>	0330	G-1000	GEARS, ELECTRICAL PUMP	1	PC	L	1000			



Weighted Priority

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

Work Priority Weight Expression Config

Order Weight Expression

Expression Name:

IF

Field: x

Field: x

Field: x

Field: x

Weighted Value:

ELSE IF

Field: x

Field: x

Field: x



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

The screenshot displays a software interface for resource management. On the left, a list of resources is shown with their IDs and names, such as 69_MECH 7049164, 69_ROTAT 7049168, and 69_MECH 7054902. The main area features a Gantt chart with a timeline from 02-04-2023 to 12-04-2023. A task named 'Mr. George Adams' is visible, with a sub-task 'Tobias Scott' nested within it. An 'Auto Level' dialog box is open in the foreground, allowing users to define scheduling parameters. The dialog includes fields for 'Start Date' (02-04-2023 00:00:00), 'End Date' (17-04-2023 00:00:00), and 'Capacity %' (85). Below these fields is a table for 'Auto Level Tiers' with columns for Filter Key, Filter 1 Value, Filter 2 Key, Filter 2 Value, Sort Key, Sort Value, and Cap. Utilization. The table contains three rows: Priority (1, ASC, 0), Maint. Activity Type (003, ASC, 0), and Age (ASC, 0). The dialog also has 'Add' and 'Remove' buttons and 'Cancel' and 'Execute' buttons at the bottom right.

Filter Key	Filter 1 Value	Filter 2 Key	Filter 2 Value	Sort Key	Sort Value	Cap. Utilization
Priority	1			ASC	0	
Maint. Activity Type	003			ASC	0	
Age				ASC	0	



Skills Management

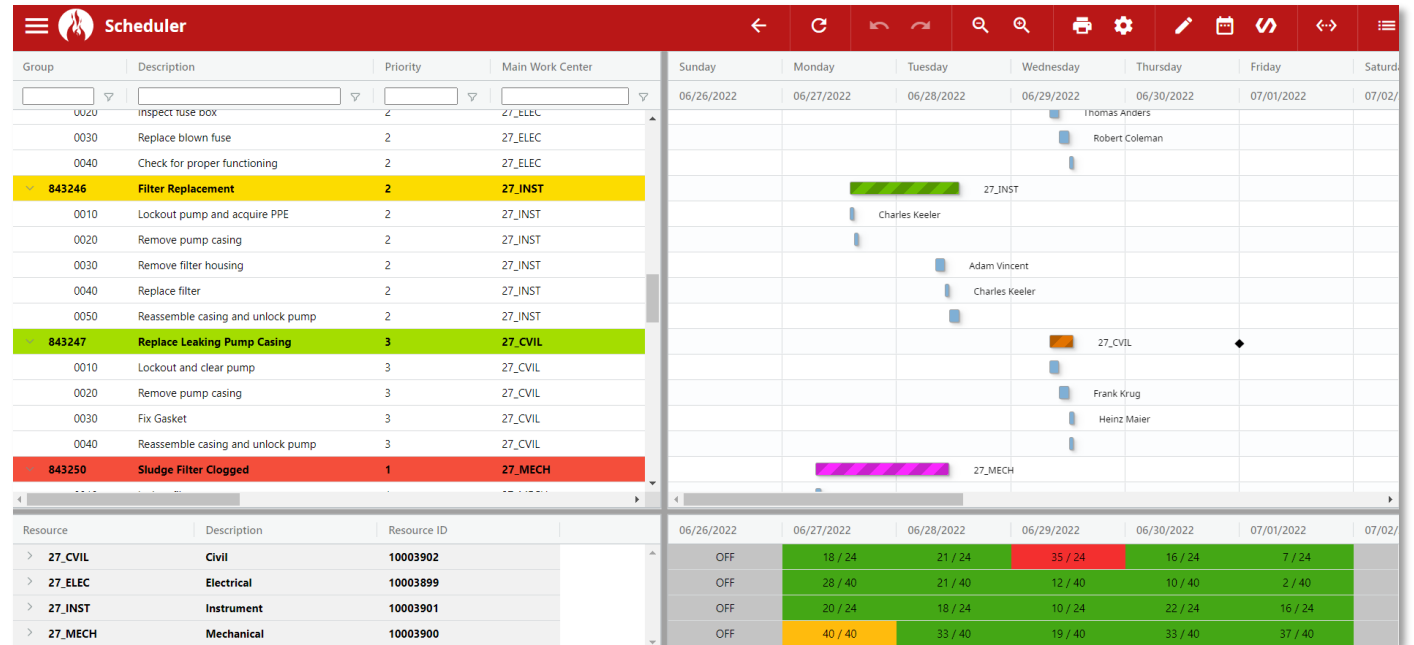
- Assign skill requirements to an operation
- Assign skills and skill levels to an individual
- Upon assigning a person to a task, the system will highlight if the individual is not qualified to carry out the job

The screenshot displays the Scheduler CBROWN interface. On the left, a list of tasks is shown with columns for Group, Description, Work Center, and Skills Required. Tasks include 'Inspection of Heat Exchanger', 'Mixer Repairs', 'PSV0003 RELIEF DEVICE SER...', 'INSTRUMENT MAINTENANC...', 'HOUSEKEEPING (1W)', and 'QUARTERLY PUMP SERVICE...'. A 'PSV Trained 1' indicator is visible next to the PSV task. On the right, a Gantt chart shows task scheduling from Sunday to Saturday. A dialog box titled 'Confirm Personnel Assignment' is overlaid on the chart, with the message 'Scott Brumby does not have skills that match the requirements' and buttons for 'Cancel' and 'Assign Anyway'.



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

The screenshot shows a software interface window titled "Display Settings" for a user named "UW_CBROWN (Modified)" with the description "CBROWN". The window has several tabs: "Scheduler Fields", "Scheduler Options" (which is selected), "Resource Fields", "Resource Options", "Color Options", and "Subsort Fields".

The "Scheduler Options" tab is divided into three sections:

- General:** Contains several checkboxes: "Show Order Rows" (checked), "Show Operation Rows" (checked), "Show Suboperation Rows" (checked), "Show Group Bars" (unchecked), "Auto Refresh Page" (unchecked), "Auto Scroll Grid" (checked), "Refresh Data on Scroll End" (checked), and "Refresh timer if scroll not possible" (unchecked). There is also a slider for "Auto Scroll Speed" set to 10.
- Gantt Settings:** Contains checkboxes for "Show Relationships" (checked), "Show Operation Float" (unchecked), and "Vertical Gridlines" (checked).
- Grid Settings:** Contains checkboxes for "Planning Board Operation Count" (unchecked) and "List Edit Order and Operation Total Count" (unchecked).
- Date Settings:** Contains checkboxes for "Today Line" (unchecked), "Order Due Date Diamonds" (checked), "Operation Due Date Diamonds" (unchecked), "Maintenance Item Due Date Diamonds" (unchecked), "Maintenance Operation Due Date Diamonds" (unchecked), "Maintenance Item Call Date Diamonds" (unchecked), and "30 Minute Scheduling" (unchecked). There is also a dropdown menu for "Diamond Type" set to "Due Date" and a text input field for "Days in the Future" set to 1.

At the bottom of the window, there are buttons for "Load", "Cancel", "Save", and "Apply".



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

Cycle Length: 7
Reference Date: 03/03/2024

Shift Code	Description
<input type="checkbox"/> DAY	AM Shift
<input type="checkbox"/> NIGHT	PM Shift

Sun Mar 3 Mon Mar 4 Tue Mar 5 Wed Mar 6 Thu Mar 7 Fri Mar 8 Sat Mar 9

Shift Code	Start Time	End Time	Start Day	End Day	sum(Work Hours)	sum(Break Hr)
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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

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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

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Additional Development

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

Thank You!

Questions?



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