

Managing Maintenance Anywhere: Online and Offline

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Speaker Introduction



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Agenda

- Everyday Usage of a Mobile Device
- Key Considerations When Going Mobile
- The Benefits of Going Mobile
- Introduction to Prometheus Mobile
 - Demonstration

A Quick Show of Hands

- How many of you currently have a mobile device?
- How many of you have deployed a mobile solution for optimizing work processes within your organization?



Mobility in Our Everyday Life

- Thinking aside from our jobs, what does mobile offer us daily?
 - The ability to communicate (remotely)
 - Visibility of news, sports, etc.
 - Access to tickets, boarding passes, etc.
 - Access to our calendars (work and personal)
 - Ease of booking events and activities
 - Live updates to sports scores, breaking news, and more
 - Access to reminders, to-do lists, and more



Why the Lack of Mobile Workforces?

- Concerns around adapting the mobile application to the business process
- Ageing workforce and reluctance to change
- The process works how it is today (inability to see the benefits it could offer)
- Cost concerns
- *What do we need to think about if we're going to make the transition?*



Key Considerations When Transitioning to a Mobile Solution



Key Considerations

- Which part of the process do we want to digitalise?
- What value is this going to bring us as a business?
- Who are the users going to be?
- Do we have connectivity challenges across the site?
- How can we make the solution fit the business processes we have in place?



The Benefits of a Mobile Workforce

- Real-time updates from the field
- Enhanced communication between teams and departments
- Increased accuracy of data
- Typically, more intuitive and user friendly than the EAM / CMMS
- Increase wrench time and efficiency
- Reduce the need to print documents
- *Effectively, much of the same benefits that we experience every day when using our personal devices*



Introduction to Prometheus Mobile

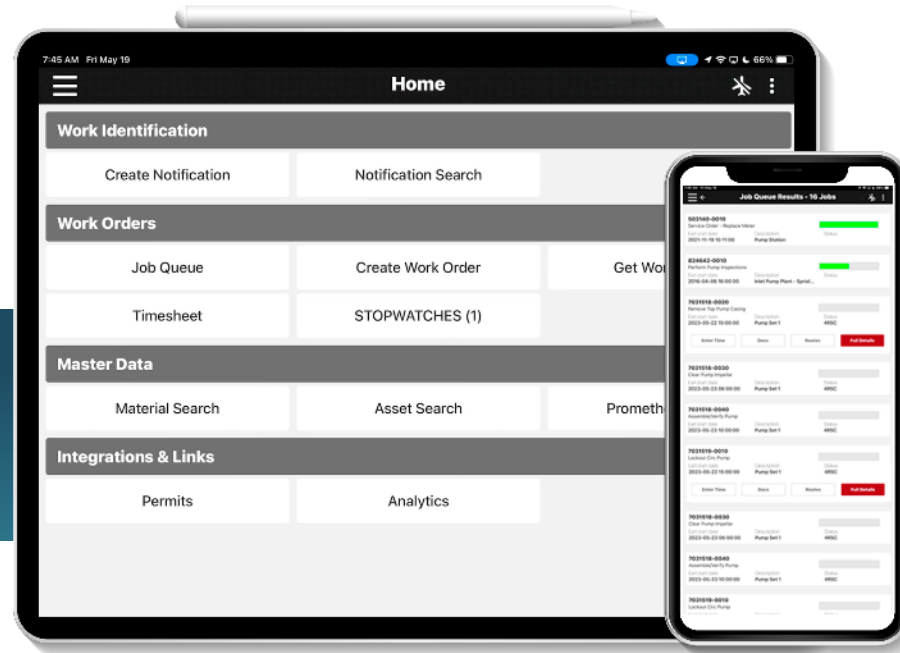


Technical and General Highlights

- Online and Offline Capabilities
- Works on iOS, Android and Windows
- Highly configurable to meet business processes
 - The business itself owns the admin panel to make changes when needed
- Integrated directly with SAP
- Integration with the rest of the Prometheus Platform



Mobility



Plant Maintenance

Easy access to tools needed to identify, plan, and execute work orders.



Operator Rounds

Eliminate paper checklists to ensure consistency and best practices are enforced.



Inventory Management

Easily track inventory usage and perform goods movements.



Permitting

Create and manage work permits, isolations, and risk assessments.



STO Execution

Integrate and extend existing systems for unified communication during STOs.



Production Execution

View and complete production orders, documents, and more.



Mobile PM and IM



Mobile PM and IM Highlights

- Create and Update Notifications
- Create and Update Work Orders
- Search for Work Orders
- Search for Assigned Jobs
- View Documents
- Enter time confirmations
- Plan Work Orders
 - Add Operations
 - Add Components
- Perform Goods Issues
- Perform Goods Receipting
- Transfer Posting
- Physical Inventory Counts
- And much more...



Operator Rounds



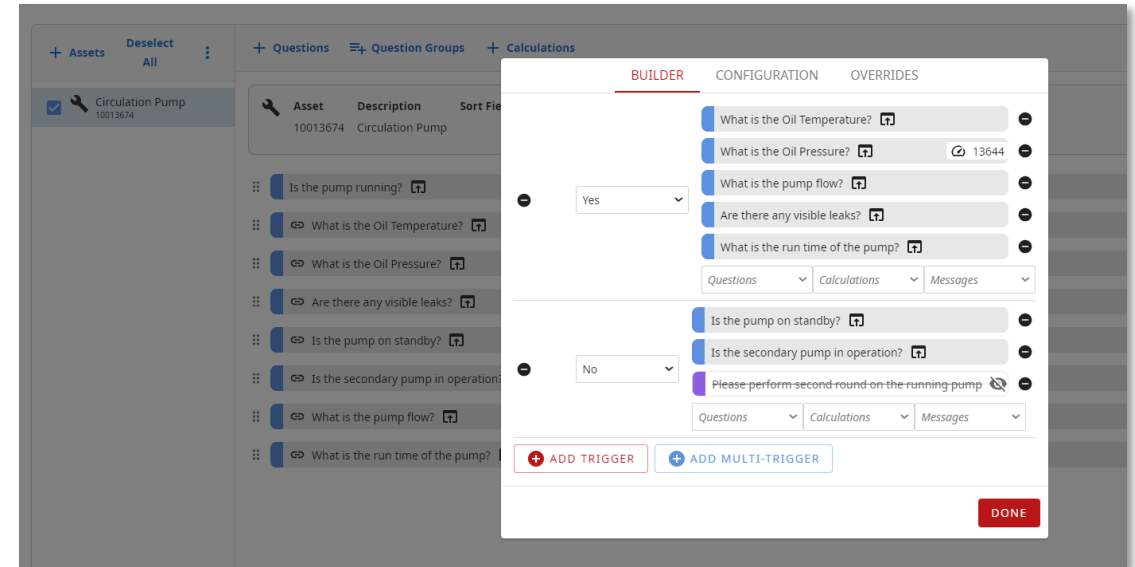
Introduction to Operator Rounds

- Digitalisation of checklists
- Scenario Based Rounds
 - Dynamic sequencing / routing of questions based on answers provided
- Freedom and flexibility to configure suitable rounds, audits, and checklists
 - Mobile application for conducting the rounds
- Clear KPI's to show trend analysis over time, e.g. equipment history



Building the Rounds

- Freedom for you to build rounds fitting with any process
- Incorporating dynamics within the rounds
- Integration with measurement points and maintenance plans
- Schedule the rounds on a periodic basis (e.g. daily, weekly, monthly)



Conducting the Round

- Complete scheduled rounds, or generate ad-hoc rounds within the app
- Intuitive messages to inform the user of a necessary next step
- View historic values whilst in the field
- Create notifications directly from a question

The screenshot shows the Prometheus Mobile PM app interface for a 'Circulation Pump' inspection round. The app title is 'Prometheus Mobile PM'. The navigation path is 'Occurrences > Ad-Hoc Templates > Assets > CB Pump Inspection Round (new)'. The asset ID is '10013674: Circulation Pump'. The interface displays four questions with input fields and a 'Create a notification' button:

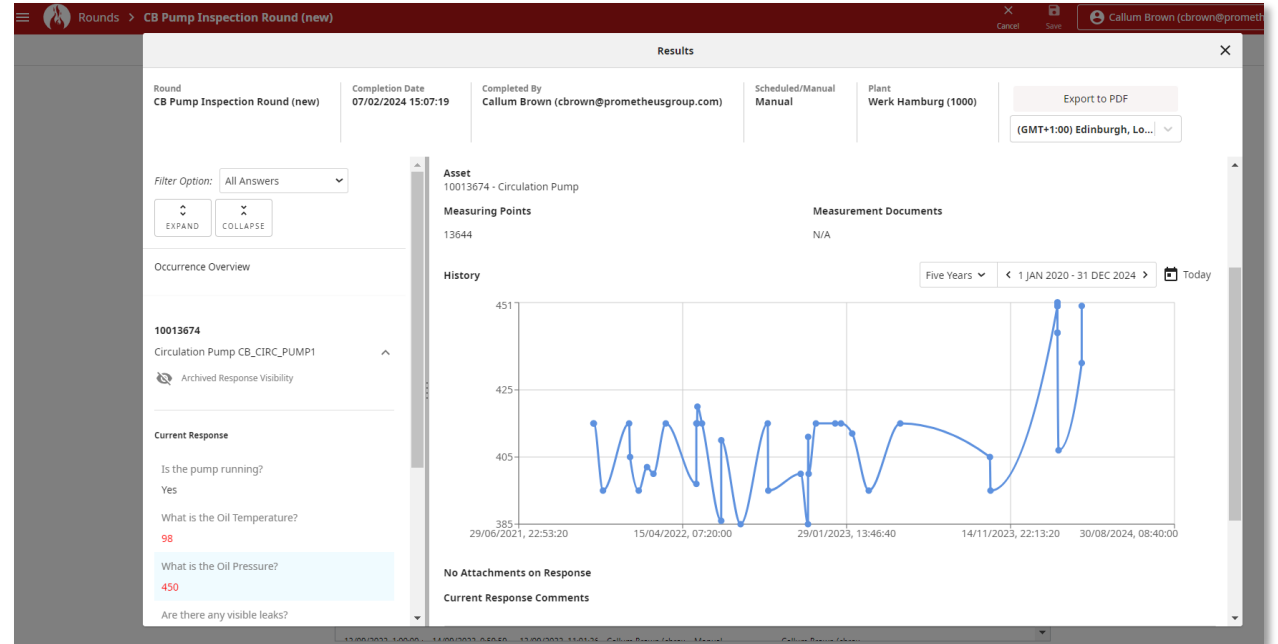
- Is the pump running?** (Is the pump running?) - Input field: 'Yes' (selected from 'Select Value').
- What is the Oil Temperature?** (What is the Oil Temperature?) - Input field: '90' (selected from 'Value'). Target Value: 85 °C. [Create a notification](#)
- What is the Oil Pressure?** (What is the Oil Pressure?) - Input field: 'Value'. Target Value: 400 HPA.
- Are there any visible leaks?** (Are there any visible leaks?) - Input field: 'Select Value'.

At the bottom, there is a 'Complete Asset' button and a summary bar showing: All (6), In Progress (4), Answered (2), Exception (1). The bottom status bar shows 'Messages' and signal strength.



Viewing the Results

- To establish trends, users can view KPI's showing results history
- Results can also be viewed within the application in the field



Demonstration





Mobile Roadmap

2024

Mobile Plant Maintenance

- S/4 Release Inclusions
- Configurable Push Notifications
- Platform Integration
- GIS Enhancements
- UI/UX Improvements
- Screen concatenation

Prometheus Operator Rounds

- Expansion on Rounds Questions Configurability
- Data Historian Integration Expansion
- APM Integration
- Workflow configurability
- Work order attachment support

Mobile Inventory Management

- Enhancements to Cycle Counts
- Mass Materials Transfers

2025

Mobile Plant Maintenance

- Timesheet Expansions
- S/4 Release Inclusions
- Text Recommendations
- Workflow enhancements
- UI Improvements

Prometheus Operator Rounds

- GIS Integration and Round Optimization
- Data Historian Pull
- Question templates throughout Mobile

Mobile Inventory Management

- PO/PR Approvals
- Label Print Integration
- Count recommendations

BEYOND

Additional Items

- Wearable Support
- AI Integration

Mobile Plant Maintenance

- Production Planning Integration
- Master Data Integration

Mobile Rounds

- Partnership with equipment monitoring hardware vendors

Thank You!

Questions?



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