

# Operator Driven Reliability - Mobile Rounds and Inspection

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## Agenda

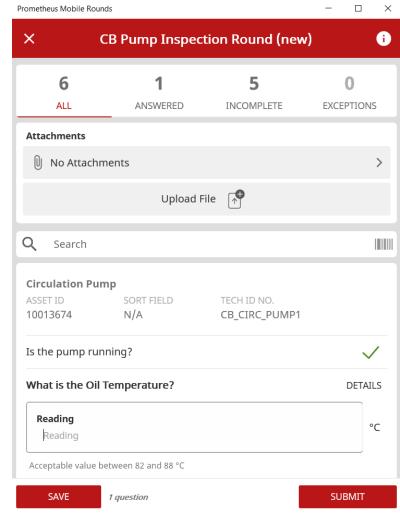
- Introducing Rounds
  - Where does it fit?
- Digitalisation: Where To Start?
  - Prioritisation
  - Additional considerations
- Building Your Rounds
- Reporting, Analysis and KPI's



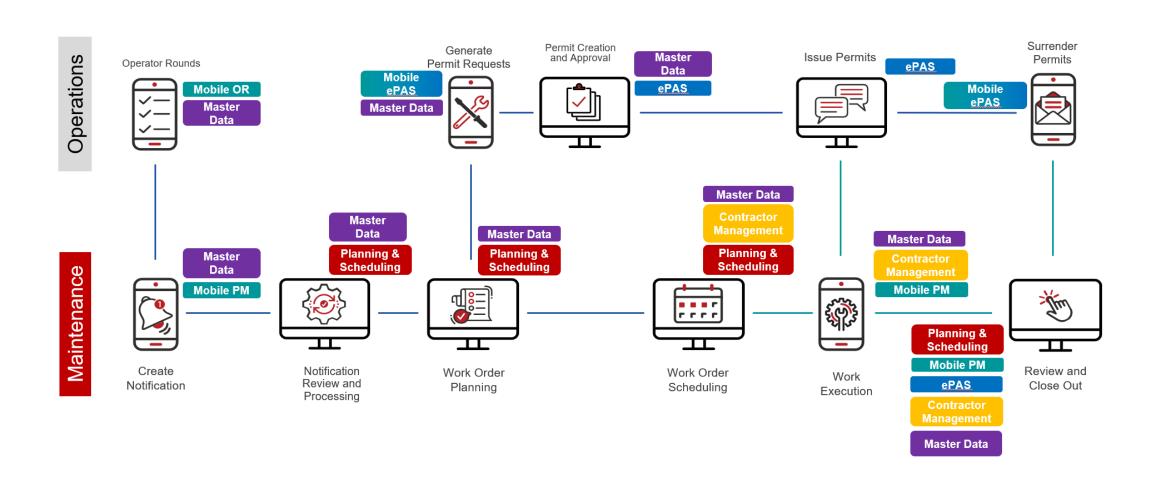


#### Introduction to Rounds

- Digitalisation of checklists with dynamic sequencing / routing of questions based on the situation
- Freedom to configure suitable rounds, audits, checklists
  - Mobile application for conducting the rounds
- Clear KPI's to show trend analysis over time



#### Prometheus Platform - Rounds



## Optimizing Your Operator Rounds Strategy



#### Where To Start?

- Digitilisation projects can appear daunting due to:
  - Lack of effective system of record use
  - Large number of paper-based processes and administrative tasks
  - Uncertainty about where to start no structured plan in place
- There are simple approaches to manage the transition to a more digital process
- Start simple and build
  - Go at your own pace no need for an all or nothing approach here

## Digitization Efforts - Prioritisation

- Break it down to identify the highest priority items
- Which items are giving us the most hassle?
- What are the most performed items?
- Are there shared processes in place?
- Start to think about templates to invoke consistency and efficiency





- Set reasonable timelines for the manageable selection of processes you've made
- Enlist help outside of your organization
  - Contractor resources / suppliers
- Anything worth doing in the long term is going to require effort and strategy

## Build Your Strategy

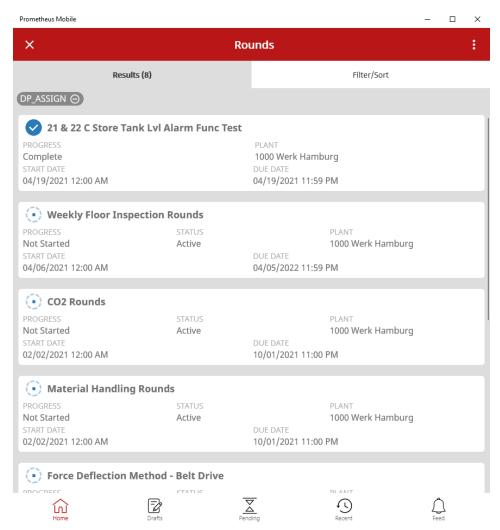


## **Building Your Strategy**

- Consider alignment with PM schedules Are there tasks that need to be completed alongside PM work?
- Leverage Data Groupings Some examples:
  - Pre-use inspections for fleet management
  - Lubrication rounds
  - Fire extinguisher inspections
  - Processes that require certification and qualification management

## The Foundation of Your Strategy

- Asset information
- Measurement Points
- Question Content
- Workflow Builds



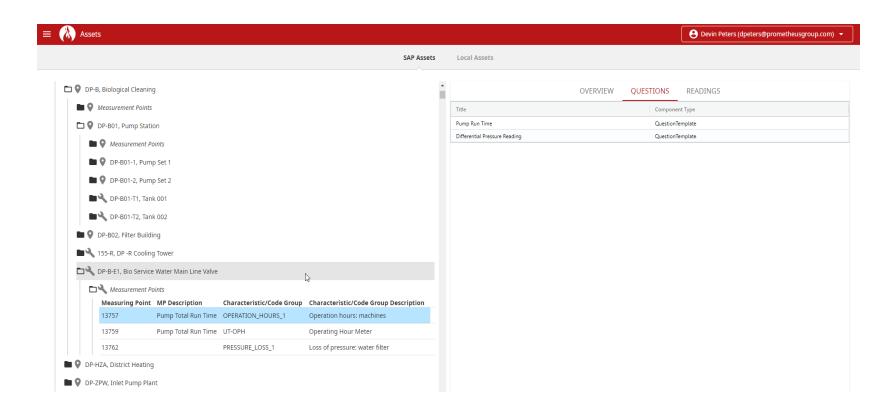
## Structuring Your Rounds

- It's important to understand where information needs to be captured
  - Do certain readings need to be captured in your EAM / CMMS?
- Do we just need a simple checklist? Or do we need a round which incorporates certain dynamics based upon the on-site scenario?
  - For example, if a reading is outside of its tolerance, do we continue or do we take action / address further related questions?

### Asset Landscape

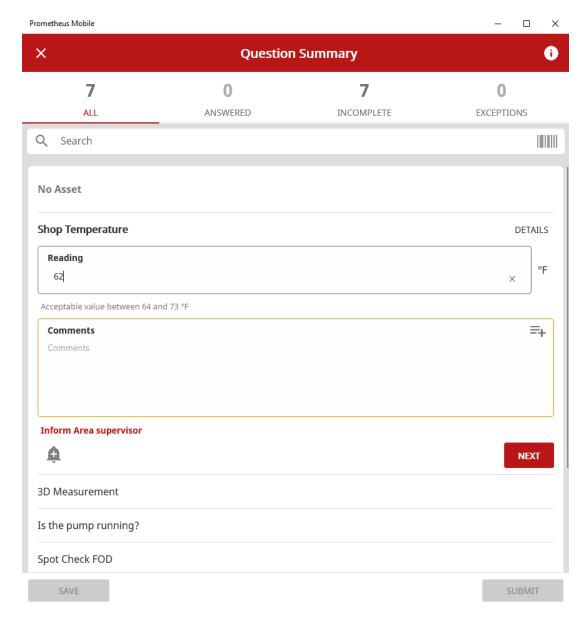
- Asset Hierarchy –
   Direct integration

  with the EAM
- Asset Hierarchy –
  stand alone assets
- Master Data Elements



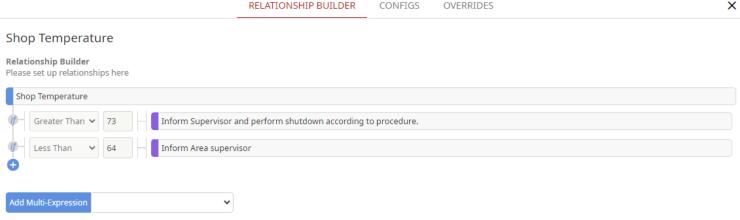
#### Measurement Points

- With or Without EAM integration
- Allows us to create historical reference, trending, and analysis
- Drive towards more proactive maintenance practices
  - Taking action before it's too late



## Tie It Together

- Use calculations to ensure action is only taken when it's needed
- Actions and Workflows You control the process, and the right people are reviewing and approving any escalations
- ERP touchpoints Notification and Work Requests automated or manual



## Analyze and Maintain

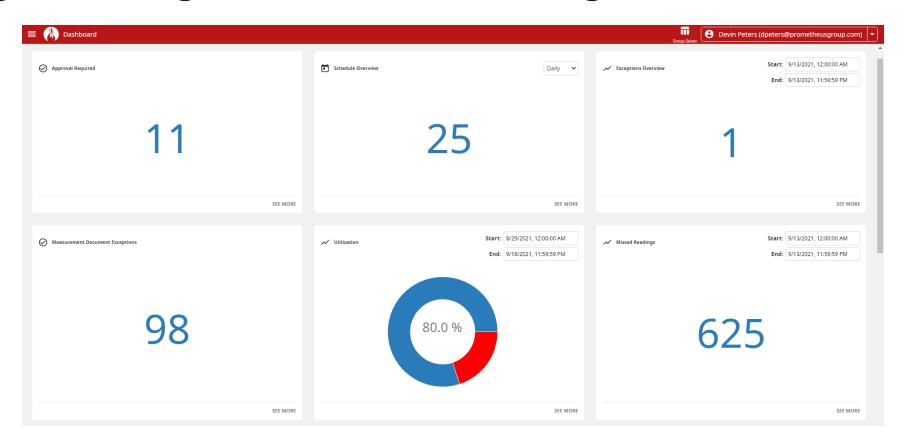


## Analysing the Programme

- Monitor and Improve the process with actionable insight
  - Are current processes leading to discovery work?
  - Are certain inspections required/necessary?
    - Should we be doing them more or less frequently?
  - How often do measurement entries deviate from the expected?
  - How often are inputs missed?
    - How do we drive improved compliance? Personnel assignment to enforce responsibility and ownership

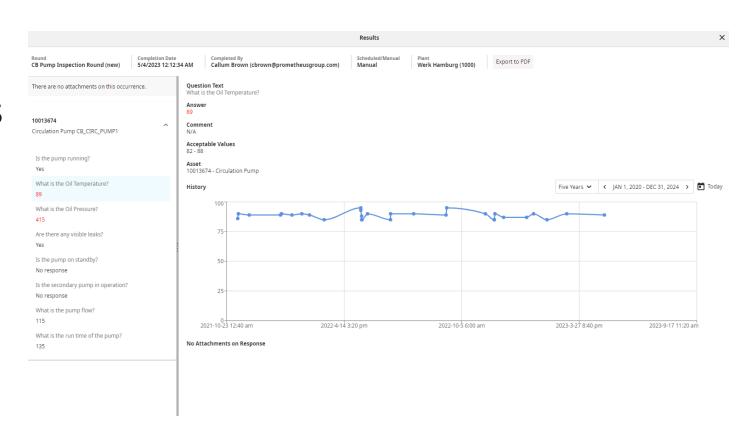
#### **KPI Dashboard**

Strategic and Targeted Dashboard Management



### Analysing the Results of a Round

- Trend Analysis Charts
- Clear picture of deviations
- Proactive, not reactive maintenance



#### Additional Feature Controls?

- Filling in the Gaps
  - Barcode / QR Code Scanning at the asset location
  - Image capture attach photos, audio and video
  - Supervisory review and approval add review when you need it and track how often items are escalated and adjust as needed.



## Thank you



## Questions?



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