

SAP PM Enhancement Tender



- **Pre-Bid Meeting Presentation**
 - **[02.05.2025]**

This presentation is provided for general guidance only. Bidders are advised to refer to the official tender document for full details, specifications, terms, and requirements. In the event of any discrepancy, the tender document shall prevail.

Introduction & Objectives

Introduction

Kenya Electricity Generating Company (KenGen) is the leading power producer in Kenya, generating electricity from a diverse portfolio that includes hydro, geothermal, wind, and thermal sources. To ensure the continued reliability and efficiency of its power plants and assets, KenGen implemented the SAP Plant Maintenance (SAP PM) system in 2010.



Key Objectives of the Tender:

1. Enhance the user experience through the implementation SAP PM on SAP Fiori
2. Modernize and improve reporting using SAP Analytics Cloud
3. Resolve existing system issues and optimize core maintenance business processes

Maintenance Notification/Orders Email Alerts

Enhance SAP PM to include detailed fields in email alerts:

- Notification Title, Type, Number, Status
- Work Order Number, Type & Status, Equipment ID & Description
- Plant
- Malfunction Start Time, Measuring Point Reading
- Maintenance Plan
- Person Responsible, Reported by
- Closure alerts sent to notification creator
- Functional Location Description



Automated Settlement (KO88)

- Enable automation of work order cost settlement via transaction KO88.
- Process to run periodically without manual intervention.

☰ Settlement Edit Goto Extras Environment System Help

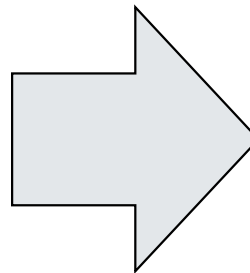
< **SAP** Actual Settlement:

✓ ⌵ ⌚ Settlement Rule Cancel

Controlling Area KGEN
Order 10075897

Parameters

Settlement period	10	Posting period	10
Fiscal Year	2024	Asset Value Date	<input type="text"/>
Processing type	Full Settlement		



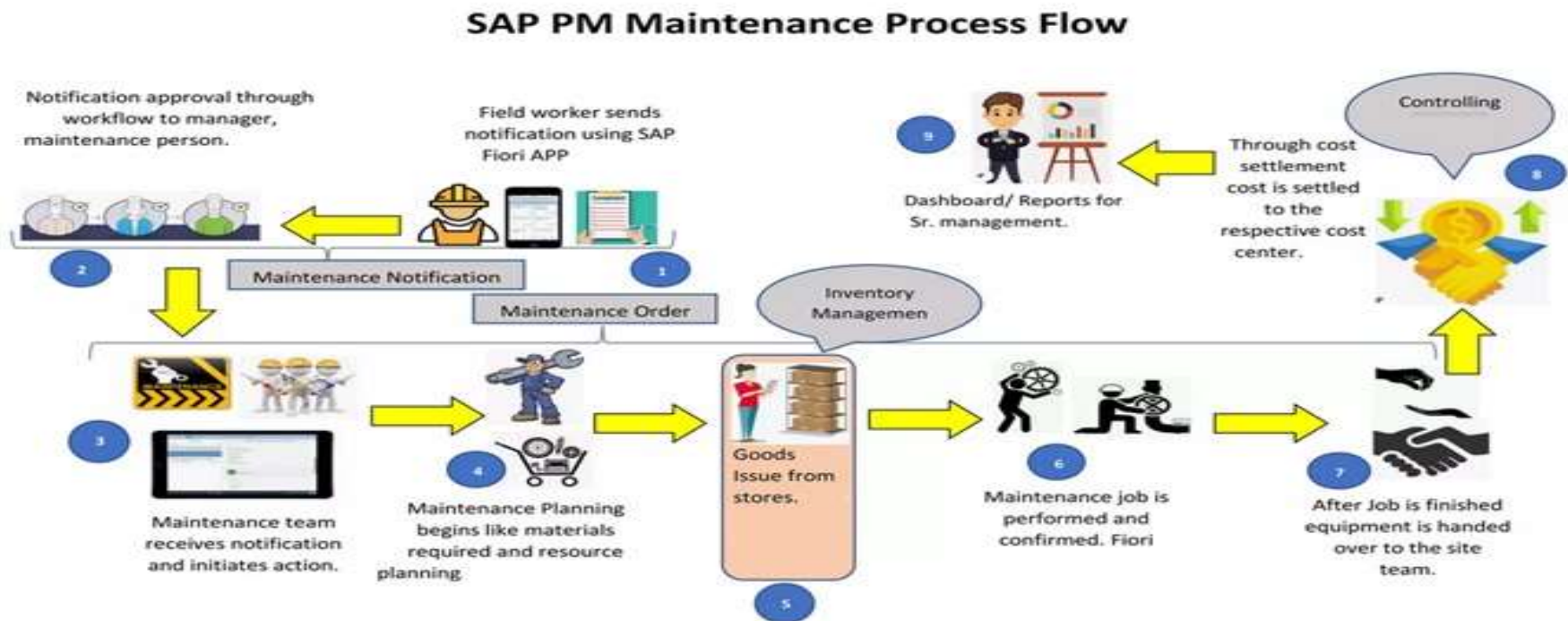
SAP PM User Interface Enhancement via Fiori

1. Upgrade the current Fiori environment (Hub deployment)
2. Configure Fiori SSO to KenGen AD Credentials. Eliminate need for multiple logs in
3. Fiori APP Create notification (IW21)- M7
4. Fiori APP Change/Process notifications (IW22)- M7
5. Fiori APP SAP Plant Maintenance My Inbox
6. Fiori APP Maintenance Order Settlement (KO88)
7. Fiori APP Create Work Order
8. Fiori APP Change/Process Work Orders (IW32)-PM06, PM07
9. Fiori APP Individual time confirmation (IW41)
10. Fiori APP Change/Display Equipment Measuring Documents IK12
11. Fiori Create work permit request (with reference to work order, add safety requirements, with approval workflow)
12. Fiori APP Create/Manage work permit template
13. Fiori APP Display and Cancel Confirmation (IW47)
14. Fiori APP Maintain Work Center Team Members
15. Fiori App Driver defect reporting tile (Reports to region team leads Transport Team)
16. Fiori App Driver defect view (For Transport Team leads with option to generate notification or close request)
17. Fiori App Safety incident reporting with workflow to Safety team, Security team, Insurance team, Maintenance team for action
18. Fiori App for material availability check
19. Fiori App (M1,M2,M8,M6,PM01,PM02,PM08,PM06),(M5,PM05),(M4,PM04)

Maintenance Workflow

- Develop, Design and Implement maintenance process workflow
- Integrates with Fiori apps and enforces permit conditions for Planner Group 001.

Sample Workflow

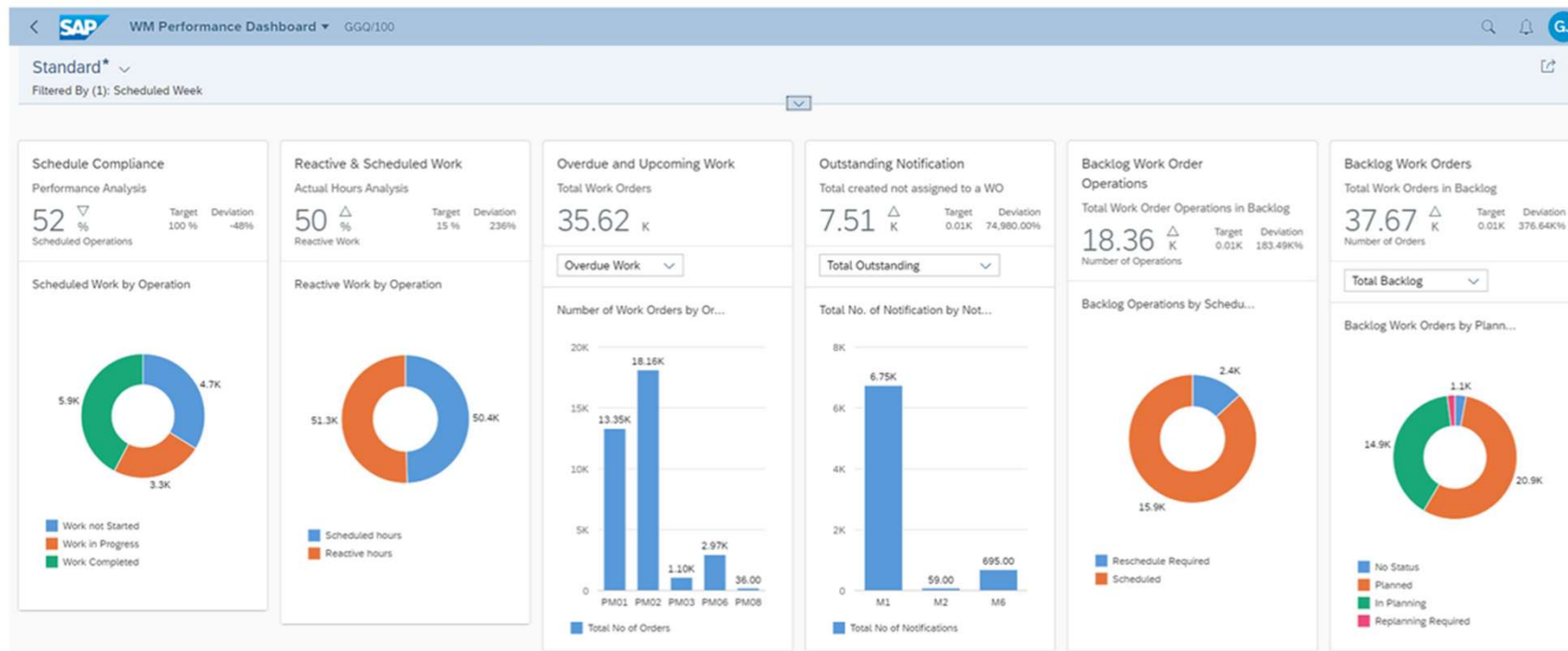


Bugs, Budget Checks, Labor Costs Computations

- Resolve budget check/commitment errors.
- Fix FMDeiver for work orders.
- Update labor cost calculations as per time confirmation, integrate with HR payroll.

Reporting & Analytics with SAC

- Upgrade legacy SAP reports to SAP Analytics Cloud .
- Deliver 25 dashboards with drill-down, real-time integration to SCADA.
- Licenses: 60 viewers, 20 test users, 5 planners, 128GB Datasphere storage.
- Integrate SAP Analytics Cloud environment and Fiori tile integration.



Stock Availability, Refurbishment Orders, Installation Orders, Calibration Orders & Project/Investment Orders

- Enhance refurbishment orders tracking for equipment movement
- Enhance Calibration order for testing, Cost settlement, certification.
- Enhance installation work orders for new asset/equipment installation works
- Enable stock availability check during reservation of material or spares
- Create a new project/investment work order types with WBS integration.

Archiving & PM Reconfiguration, Support, Documentation & Training

- Enable/Configure archiving of technical objects:
 - Equipments
 - Functional Location
- All configure existing SAP PM should be compatible with S/4HANA.
- 6 months post-go-live support.
- Comprehensive documentation inclusive of technical design .
- 2-Week training on Fiori apps, SAC, SAP PM for stakeholders and technical team.



Thank You

