

COMPUTERISED MAINTENANCE MANAGEMENT SOLUTION - **CMMS**

Planned preventative plant and fleet management and maintenance.

Fleet and Asset maintenance and repair management systems incorporate short-, medium-, and long-term activities and tasks within a process determined by the fleet operating environment and the fleet management plan. The required practices, processes and activities are designed to optimise fleet performance and cost in a specific operating environment.



CMMS



All processes must be individually and collectively measured for consistency and effectiveness; particularly important as the production environment changes and the fleet ages. From this will come possible continuous improvement initiatives.



RESOURCE AND LABOUR MANAGEMENT

Track available employees and equipment certifications. Assign specific tasks and assemble crews. Organise shifts and manage pay rates.



ASSET REGISTR

Store, access and share asset information such as:

- Manufacturer, model, serial number and equipment class and type
- Associated costs and codes
- Location and position
- Performance and downtime statistics
- Associated documentation, video, and images such as repair manuals, safety procedures and warranties
- Availability of meters, sensors, and Internet of Things (IoT) instrumentation



REPORTING, ANALYSIS, AND AUDITING

Generate reports across maintenance categories such as asset availability, materials usage, labour and material costs, supplier assessments and more. Analyse information to understand asset availability, performance trends, MRO inventory optimisation and other information to support business decisions and gather and organise information for audits.



WORK ORDER MANAGEMENT

Typically viewed as the main function of CMMS, work order management includes information such as:

- Work order number
- Description and priority
- Order type (repair, replace, scheduled)
- Cause and remedy codes
- Personnel assigned and materials used

WORK ORDER MANAGEMENT ALSO INCLUDES CAPABILITIES TO:

- Automate work order generation
- Reserve materials and equipment
- Schedule and assign employees, crews, and shifts
- Review status and track downtime
- Record planned and actual costs
- Attach associated documentation, repair, and safety media



PREVENTIVE MAINTENANCE:

- Automate work order initiation based on time, usage, or triggered events.
- Use preventive maintenance to organise and associate assets across multiple orders.
- Sequence and schedule preventive work orders.

MATERIALS AND INVENTORY MANAGEMENT:

- Inventory, distribute and reclaim maintenance and repair operation (MRO) equipment and materials across storage areas, distribution centers and facilities.
- Manage suppliers, track inventory costs, and automate resupply.



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MANAGED
BUSINESS SERVICES

