



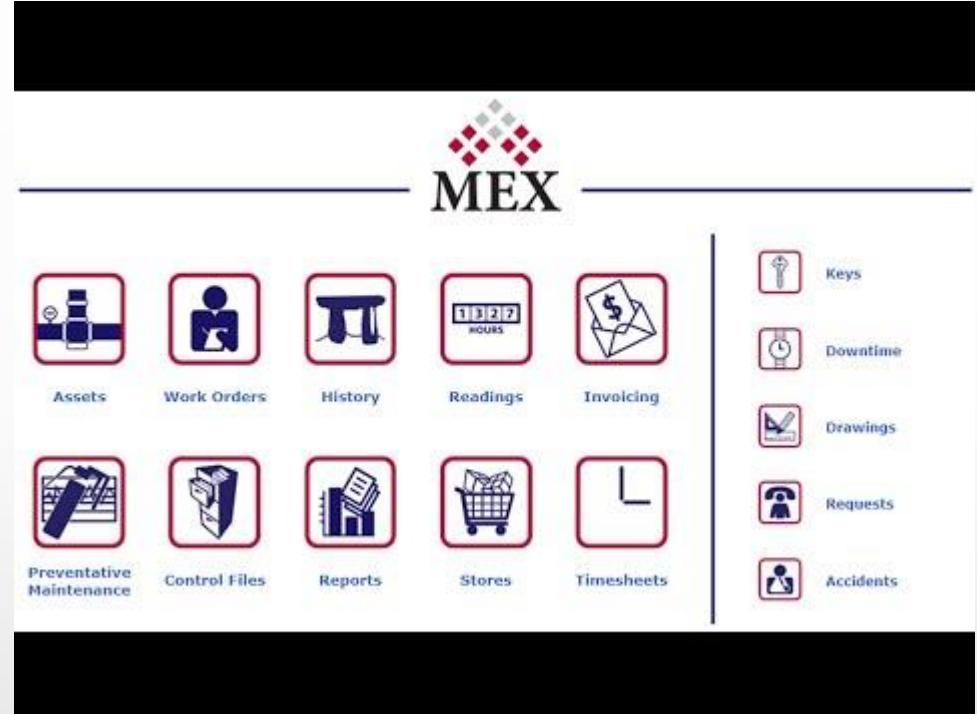
Introduction to MEX maintenance software

Overview, Key Features & Conclusion

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What is MEX?

- MEX is a Computerized Maintenance Management System (CMMS) that helps organizations manage assets, work orders, inspections, and inventory.
- Developed by Maintenance Experts (Australia) for asset-intensive industries.



Why MEX? – Key Capabilities

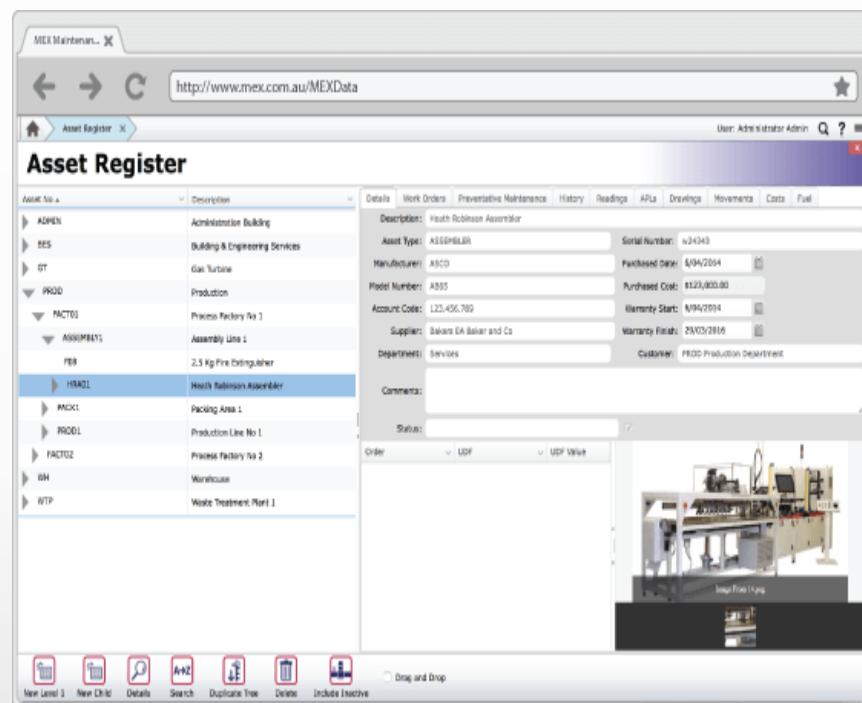
- Centralized maintenance management system.
- Supports work orders, preventive maintenance, and asset registers.
- Simple interface with strong reporting and dashboard capabilities.
- Suitable for manufacturing, construction, and facility operations.

Important modules in MEX maintenance software

- Following are the important modules in MEX maintenance software.
- 1. Assets**
 - 2. Work Orders**
 - 3. History**
 - 4. Readings**
 - 5. Invoicing**
 - 6. Preventative Maintenance**
 - 7. Inventory/ Spare parts Management**

Assets

- Serves as the database for all the assets, equipment, machine tools etc.
- Stores all assets detail including location, serial number, and maintenance history.
- Helps track condition and lifecycle of each asset.
- Build assets hierarchy for better assets management.
- Supports preventative maintenance planning.



Work Orders

- Create, assign, and track maintenance jobs. The jobs can be assigned either manually or automatically.
- Link materials, labor, and inspection results for traceability.
- Work orders can be scheduled at a fixed interval for better manpower utilization.
- Helps in monitoring the work order either open, complete or in process.

Work Order Details

Work Order 52 Work Order Format: Standard Group Work Order No:

Asset:	FLOOR1	Active?	Rego No:
Description:	Administration Building Upgrade Project - Floor 1		
Instructions:	All Work Orders associated with this project must be included under this Work Order Grouping.		
Safety Notes:	Follow all Safety Procedures		

Details Job Codes Costs Documents Spares Tasks Trades Permits Checked In Dispatch Customer Risk

Account Code: 123.456.789	Raised: 13/08/2015 10:30:52 AM
Reference No: 125985	Overall Duration: 0.00 Hours
Status: 3 - Started	Due Start:
Priority: 1 - Urgent	Started: 13/08/2015 12:41:17 PM
Job Type: Mod - Modifications	Due Finish:
Department: Mech	Finished:
Request No:	Printed <input checked="" type="checkbox"/> Group Work Order
Requester:	Component Code:
Created By: Administrator Admin	User Defined:
Progress %: 0.00	Policy No:
Reading:	Reading:

New Duplicate Print Turn Into PM New Asset Close W/O Create Invoices

History

- After work order is closed in MEX, it becomes a history record.
- It helps to tell all the previous maintenance record linked to an asset or work order.
- Supports preventative maintenance by checking asset history.
- Helps in service/ inspection history for each of the asset.

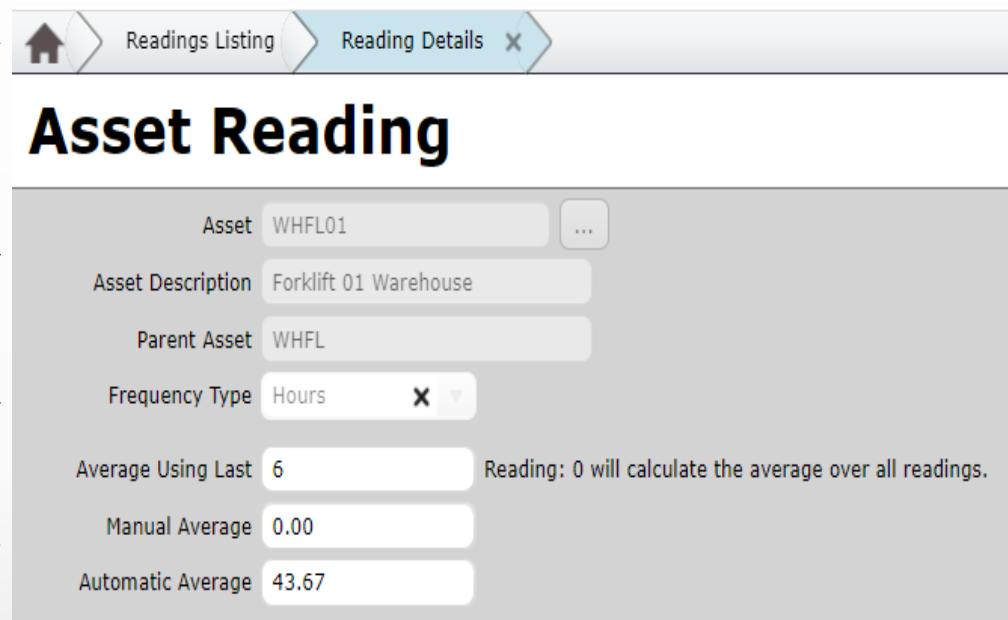
The screenshot shows a web-based application interface for managing work orders. The title bar indicates the page is 'W/O History Details' at 'localhost/MEXData/#/WorkOrders/Details/25/true/7b32c798-42b2-4e13-b2d3-db618feb7f52'. The main content area is titled 'History Work Order 25'. It displays details for an asset named 'SW02' which is described as 'Monthly Shrink Wrapper Service'. The 'History Description' field contains the text 'Monthly Shrink Wrapper Service. Completed OK.' Below this, a table lists three completed tasks:

Line Number	Description	Completed	Date	Time	Reading	Type	Minimum	Maximum	Standar
1	Remove Covers	<input checked="" type="checkbox"/>	7/06/2015	12:00 AM					
2	Vacuum Dust and Any Debris From Inside Machine	<input checked="" type="checkbox"/>	7/06/2015	12:00 AM					
3	Check For Wear On Rollers, Tensioners Etc. Report Items In Need Of Attention	<input checked="" type="checkbox"/>	7/06/2015	12:00 AM					

The right side of the screen features a sidebar with navigation links for 'Asset No', 'Description', 'PROD', 'FACT02', 'PACK2', and 'SW02'. It also includes sections for 'Active?' and 'Reg No:' with dropdown menus. The bottom right corner shows the user information 'User: Jacob Smith Region: Default (Change Region) (Log Off)'.

Readings

- The readings module record numerical or usage values (hours run, kilometres, cycle, etc.).
- Select relevant parent asset and enter the reading via form.
- Helps in estimating cost and replacement planning.
- Tracks the record of the equipment usage.



The screenshot shows a software application window titled "Asset Reading". The top navigation bar includes icons for Home, Readings Listing, and Reading Details, along with a close button. The main content area displays the following fields:

Asset	WHFL01	...
Asset Description	Forklift 01 Warehouse	
Parent Asset	WHFL	
Frequency Type	Hours	x
Average Using Last	6	Reading: 0 will calculate the average over all readings.
Manual Average	0.00	
Automatic Average	43.67	

Invoicing

- Creates invoice for maintenance work performed.
- Integrates with work order data so that when work order is complete, generate invoice directly from it.
- Helps manage outstanding invoices, manage payment due dates and revenue tracking.

The screenshot shows a software application window titled "Supplier Invoice". At the top, there's a breadcrumb navigation: Home > Stores > Supplier Invoice Listing > Supplier Invoice Details. On the right, it says "User: Administrator Admin (Log Off) Q ? X". The main area is titled "Supplier Invoice" and has a sub-header "Supplier Invoice No 123456". Below that is a table with columns: Line, Catalogue No, Description, PO Unit Cost, Qty Outstanding, Invoice Quantity, Invoice Unit Cost, Invoice Total Exc ..., and Tax. A single row is visible with values: Line 1, Catalogue No 000005, Description (empty), PO Unit Cost 49.87, Qty Outstanding 1, Invoice Quantity 1, Invoice Unit Cost 1,449.87, Invoice Total Exc ... 1,449.87, and Tax (empty). At the bottom of the table are buttons for "Add Lines", "Populate Lines", and "Delete".

Line	Catalogue No	Description	PO Unit Cost	Qty Outstanding	Invoice Quantity	Invoice Unit Cost	Invoice Total Exc ...	Tax
1	000005		49.87	1	1	1,449.87	1,449.87	GST

Preventative Maintenance (PM)

- Schedule preventative maintenance in advance before the breakdown of the machine occur.
- Set frequency either by time, usage or readings so to know when the maintenance is due.
- Once the preventative maintenance is schedule, it automatically generates the work orders.
- Helps to reduce the downtime and extend asset life time.

The screenshot shows a web-based application for managing Preventative Maintenance (PM). The main title is "Preventative Maintenance 9".

Description: 6 Monthly Separation Tank Maintenance

Asset Information:

- Asset Type: TANK
- Manufacturer: OZTANKS
- Model No:

Details Tab (Selected):

- Frequency: every 6.00 Months (Standard Job? checked)
- Frequency Or: 0.00 (Fixed? checked)
- Est Duration: 4.00 Hrs (Hierarchy? checked)
- Lead Time: 2 Days
- Priority: 3 - Within 7 Days
- Job Type: PM - Preventative Maintenance
- Department: Mech
- Contractor/Supplier:
- Quote Amount: \$0.00
- Days to Complete: 7

Cost Summary:

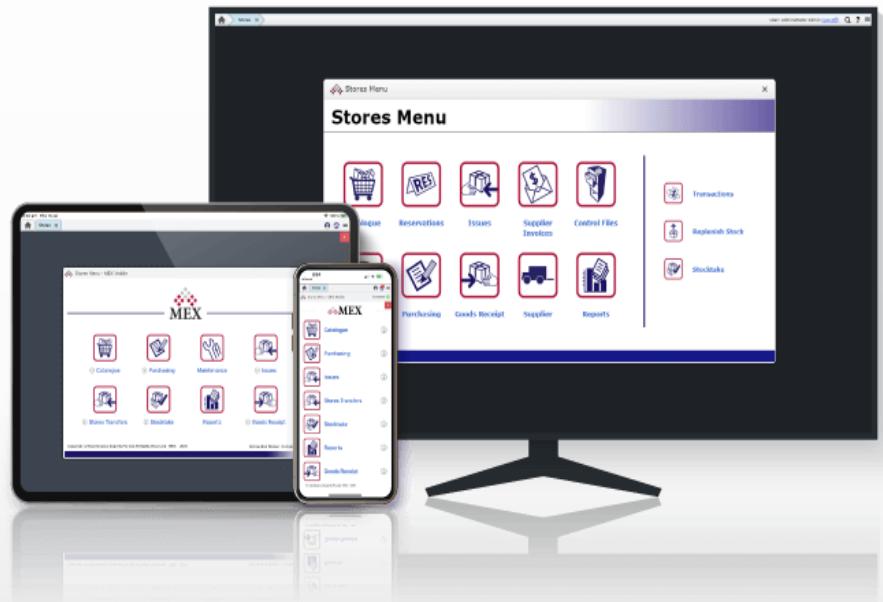
Labour: \$0.00
Material: \$0.00
Other: \$0.00
Total: \$0.00

Buttons at the bottom:

- New
- Duplicate
- Preview

Inventory/ Spare parts Management

- When a work order is issued the spare parts list can be issued directly from the inventory.
- Helps in managing the stock outs of critical parts.
- Helps in keeping tracking of consumable items, spare items by managing in a centralized inventory approach.



Benefits Summary

- Centralised data and asset visibility
- Predictable maintenance costs
- Improved compliance tracking
- Enhanced decision-making via dashboards
- Efficient user interface for different operations
- Reliable for large organizations with daily routine tasks.