

FalconEAM

Enterprise Asset Management



**inventrax**[®]
Traceability Assured

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Introduction

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- 📍 FalconEAM or Computerized Maintenance Management System (CMMS) is a flexible enterprise-grade asset management system which provides a clear view of an organization's asset infrastructure. Improve plant and equipment performance by eliminating unplanned downtime.
- 📍 FalconEAM supports geo-tagging and periodic audit updates to validate the asset availability at the location assigned. It support Industry specific customization.

Significant Features:

- ⌚ Equipment Management
- ⌚ Asset Order
- ⌚ Master Maintenance Plan
- ⌚ Work order management
- ⌚ Job order management
- ⌚ Asset/ Spare Part Issues



Benefits

Benefits :

- Track and manage asset availability and performance
- Increase productivity and parts management
- Increased asset location traceability with geo-tagging
- Improving service center (workshop) strategic planning
- Cutdown maintenance costs against replacement costs
- Increase asset and resource utilization
- Increase in warranty cost recovery
- Reduction in new equipment costs
- Reduction in asset lifecycle maintenance (spares, labor and contractor) costs
- Reduce unplanned downtime
- Reduced parts inventories through better management across multiple sites








Features



Falcon EAM Workflow Management

FalconEAM facilitates you to manage multiple locations, business units, asset types and still have one clear view of the entire asset infrastructure within its operating context. It supports geo-tagging and periodic audit updates to validate the asset availability at the location assigned.



Asset Management

-  Asset Issue/Transfers
-  Asset Pullout
-  Asset Profiling
-  Asset KPI
-  Asset Maintenance History

Location

-  Demographic data
-  Geo location tagging












Master Maintenance Plan

-  Preventive Maintenance (PM)
-  Cyclic Maintenance (CM)



Features

Reporting & Dashboards

-  Analytics through dashboards with real time KPI's to gauge the overall performance of Asset Management.
Other significant reports include
-  Equipment performance analysis
-  Technician/Labor performance report
-  Report Subscription Services
-  Work order summary
-  Downtime analysis
-  Maintenance completion analysis(PM/CM/RM)
-  Maintenance parts needed
-  Outlet executive summary (with ROI from sales)
-  Trends analysis
-  And any other custom reports

Integration with Line-of-Business Application (ERP)





-  Integrators to pull following data from ERP to WMS Supplier, Outlet, Contractor, Master data, Purchase Order





Features

Equipment Audit & Track System

Equipment will be audited and recorded with the serial no. and geo-location using a smart phone with a camera and GPS equipped.

-  Records current position of the equipment with a picture
-  Alerts user if the position is altered
-  Updates audit information to server
-  Real-time mapping of audited equipment on map with indicators of missing equipment at outlets

Advanced Tracking

-  RFID based tracking
-  GPS based tracking



Cost Savings

📌 The main areas of cost saving can be summarized as follows:

- 📌 Increase in warranty cost recovery
- 📌 Improved productivity
- 📌 Increase in fleet availability
- 📌 Better predictability
- 📌 Reduced rework/scrap
- 📌 Reductions in inventory levels and inventory carrying costs
- 📌 Reduction in materials costs
- 📌 Reduction in asset down time
- 📌 Better labor utilization and reduced overtime
- 📌 Reduction of idle time as better asset utilization



Technical Specifications

On-Premise - Hardware Requirements (Recommended):



Server Production (2 No's): 1 for Application Server and 1 for Database Server

-  Intel Xeon Quad Core Processor , 16GB DDR3 RAM ,500GB SATA HDD, 24MB CPU cache

Staging (1 No.): Application and Database Server

-  Intel Xeon Quad Core Processor , 4GB DDR3 RAM ,500GB SATA HDD, 24MB CPU cache




Workstations

-  Hardware independent any modern PC's with browser support for configuration
-  Windows OS Ver. 7.0 and above workstation for Shop Floor Tracker application





Wireless infrastructure

-  High throughput Wireless routers

Thermal Printers

-  Industrial rugged thermal printers that support ZPL programming and network IP configuration
-  Zebra Thermal Printers
-  Printing stationary (Labels, Ink ribbons)

Barcode/RFID



-  USB /Wireless barcode readers
-  Fixed RFID Reader (Motorola FX9500) and Antennas
-  Barcode consumable based on business requirements
-  RF Tags depends on business requirements



Technical Specifications

Software Requirements (Recommended):

Server

-  Windows 2008 64bit Enterprise Edition
-  MS SQL Server 2012 Database Enterprise Edition with SSRS support




Workstations

-  Windows OS with Internet Explorer 9.0 onwards, Google Chrome 28.0 onwards and Firefox 12 .0 and above





Support

User Training

-  System overview for all the stakeholders
-  Application installation and configuration(IT team)
-  User friendly interactive operations help manual Installation and maintenance guide

Support

-  Customer Help Desk
-  Call support (VoIP / Phone Line), Email support, On-site support



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THANK YOU

Thank you for letting us demonstrate our product, we appreciate your valuable time spent on this demo.

