FalconEAM
Enterprise Asset Management

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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 supports Industry specific customization.

**Significant Features:**
- Equipment Management
- Asset Order
- Master Maintenance Plan
- Work order management
- Job order management
- Asset/ Spare Part Issues
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
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)

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Features

**Equipment Management**
- Equipment issue order management
- Equipment transfer order management
- Equipment withdrawal from outlet

**Work Order Management**
- Work order creation and management
- Auto generated work order from maintenance plans (PM/CM)
- Auto generated work order from customer help desk system

**Job Order Management (Service Center)**
- Job order creation and management for a given work order
- In-house service center/ contractor assignment
- Addition of spare parts and services
- Release job order based on the planning and scheduling
- Auto Delivery Pick Note (DPN) generation for spare parts issue

**Asset/ Spare Part Issues (Store activities)**
- Equipment issue based on auto generated Delivery Pick Note (DPN) from asset issue
- Spare parts issue/ backflusing based on job order

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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

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Features

Equipment Audit & Track System

Equipment will be audited and recorded with the serial no. and geo-location using a smartphone 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

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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
User Training

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

Support

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

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For demo request and other info please visit

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THANK YOU

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