

AssetDigit-@ **CMMS/EAM Web-Based System**

Yalema Systems
Smart Solutions

INTRODUCTION

AssetDigit-@ is a fully Web-Based asset performance management system that provides cost-effective maintenance operations. This software has been designed to enhance workflow and increase productivity making sure that your assets are maintained properly and efficiently.

Whether you are a single user, single facility or a company with multiple locations, AssetDigit-@ is the right fit for you, its user interface makes it simple for everyone: requestors, mechanics, technicians, managers and executives.

Why AssetDigit-@ ?

Easy to Use :easy-to-use interface built on Microsoft .Net technology, therefore, you only need a web browser to access the system.

Flexible :accessed through any internet web browser from anywhere at any time, minimizing web network traffic and costs since you do not need to buy extra hardware to use it.

Powerful :Simple administration module, Multi-Organization, Asset Management, Work Management, Purchasing Management, Inventory Management, Budget Management, Project Management, Report Writer, Full Security System and more.

SYSTEM MODULES

Module	Features
Administration	Provides all system configuration, security, and organization management, it also manages employee's records which allows to track your employee's personal info, schedules, trainings and more.
Assets Management	Tracks, locates and analyzes your assets. This module allows you to control any information related to your assets, you can add unlimited features, meters, preventive records, and downtime management, attachments, hierarchy and User defined Fields., GIS Integration and Contract Management.
Work Management	Manages your work load. This module allows you to control any information related to your work order system, preventive maintenance management, attachments, work order hierarchy and User defined Fields.
Inventory Management	Manages, Tracks, locates and analyzes your Inventory. This module allows you to control any information related to your Inventory such as usage, items substitutes, vendors, returns, Physical count, measures, User defined Fields and more.
Purchase Management	Manages tracks and locate all your purchases. This Module allows you control any information related to your purchases, Requisitions, receiving and more. You can add User defined fields, attachments and more.
Budget Management	This module allows you to control, monitor and analyze all budget information related to your maintenance work. You can establish your own hierarchy and add user defined fields.
Projects Management	This module allows you control, monitoring and analyze all your projects information related to your maintenance work. You can establish your own hierarchy and add user defined fields.
Reports	This is an unlimited module. AssetDigit-@ has a report creator which is an easy-to-use report generator that allows you create reports on the fly.

ADMINISTRATION

This Module provides all system configuration, security, and organization management. The system administrator can configure the system configuration to meet the business requirements.

In this section you will be able to set:

System Configuration such as:

- System Default
- Organizations
- Locations
- Departments
- User Defined Fields

-System Security

- Users
- Users Profiles

-System Catalogs such as:

- Status List
- Work Orders Type
- Assets Type
- Units of measure
- Currencies

-Reports and Fields such as:

- Reports and Fields Description
- Report Creator

ASSET MANAGEMENT

This Management module allows you manage all your assets information effectively. With this module you can track and analyze the performance of your assets, asset's history, meter readings, hierarchy, warranty information, attachments, GIS Integration, Contract Management and user defined fields.

Also you can track your assets depreciation using several methods:

Straight-line depreciation is the simplest and most often used technique, in which company expenses are the same amount of depreciation each year

Declining-balance also known as the reducing balance method is a type of accelerated depreciation because it recognizes a higher depreciation cost earlier in an asset's lifetime.

Sum of Years Digits is a historical depreciation method that results in a more accelerated write off than a straight line, but less than a declining balance or later methods.

The screenshot displays the 'Record View' for an asset. The title bar reads 'Equipment No.MILL-VERT-002 - Vertical Mill - 10" x 50" Kent Vertical Mill, Model 5VKF'. Below the title bar is a navigation menu with tabs: Record View, Meters, Specs, PM Records, DownTime, Warranty, Attachments, Hierarchy, Cost History, Depreciation, and Materials. The main form is divided into two sections: 'Vendor and Installation' and 'User Fields'. The 'Vendor and Installation' section includes fields for Priority (High), Cost Center, Expense Type, Last Updated (2/20/2009 5:27:40 PM), and Updated by (LEO). The 'User Fields' section includes Vendor No. (N05851), Purchase Date (1/1/1999), Installation Date (1/1/1999), VRMS, and Codigo. The top section of the form contains fields for Equipment No. (MILL-VERT-002), Description (Vertical Mill - 10" x 50" Kent Vertical Mill, Model 5VKF), Equipment Type (MILL), Serial No. (XXXX-999-XXXX), Brand (KENT), Model (5VKF), Manufacturer (KEN), Organization (NC Location), Department, Location (123), Sub Location (45-00), and Status (Running/Operating) with a checked 'Active/Running' checkbox.

Module Features

You can :

- Set your own assets definitions using the specifications section; you can add as many specifications as required to identify technical aspects of your assets.
- Establish your physical assets to your own structure.
- Track Warranty Information
- Specify as many meters as needed
- Track your downtime information
- Group assets to meet organization needs
- Attach as many files as needed (pictures, tech. info)
- You can define up to 20 user defined fields

WORK MANAGEMENT

This module helps you manage, plan and track all your maintenance work. You can handle several work orders types such as routine, programmed and preventive maintenance. This module allows you to book labor hours, parts, external works and miscellaneous activities to have the total control over your maintenance costs. Also, you can add tasks, vendor information, and comments to follow up the work, attachments and user fields to customize orders and define your own work order hierarchy. Schedule your preventive maintenance for assets using the PM Records module which allows creating periodic work orders based on dates, meters readings or both.

Manage work requests from vendors or others organizations and analyze your work load with the system schedule, which show you all your work based on date.

Work Order No. : W0200704205 - MONTHLY SCHEDULE MAINTENANCE (PERFORMED BY ELECTRICIAN)

Record View | Parts | Labor | Vendors Labor | Tasks | Miscellaneous | Comments | Attachments | Costs | WO Log | Closing

Work Order No. W0200704205 Created on Date 7/20/2009 6:40:18 PM

Description MONTHLY SCHEDULE MAINTENANCE (PERFORMED BY ELECTRICIAN) Created By

Equipment No. 37225714 NEW Cummins 1000 kW Standby Diesel Generator with Factory W Organization : HeadQuarters

Work Order Type Preventive / Predictive Work Order Approved
 Work Order Closed
 Reopened

PM Record No. PM200700015

Work Order Info	Scheduling	User Fields
Status Open	Requested By	
Priority Low	Assigned To ELEC	
Cost Code	Sched. Start Date 7/31/2009	
Project No.	Sched. End Date 8/11/2009	
Vendor No.		
Parent Work Order		

Module Features

You can :

- Set your own Work orders types definitions
- Book parts, labor and external labor
- Schedule your crew hours
- Comments to follow up the work
- Add Miscellaneous cost to the work
- Add Work order to an existing Project
- Add a Parent Work Order
- Attach as many files as need (pictures, tech. info)
- Define up to 20 user defined fields

INVENTORY MANAGEMENT

Manages and tracks every item of your inventory. You can create requisitions, purchase orders, receive parts to the correct location, return parts to vendors or location, analyze where the inventory has been used, and manage vendor's information.

This module helps you determine the correct stocking policies to create an acceptable service level of parts and supplies to meet your needs and avoid any delay in your maintenance work.

Item No. : AXIA-BOILER-00234 - Heat Exchanger for AXIA Boiler

Record View | Substitute Items | Vendors | Usage

Item No.	AXIA-BOILER-00234	Group	445
Description	Heat Exchanger for AXIA Boiler	Sub Group	
UOM	Unit	Weight	0.000
Brand	AXIA PARTS	Priority	Medium
Model		Status	In Use
Part No.	79-60022		

Stock Distribution
No Data Available

Stock Level	Cost and Inventory Info	User Fields
Stock Min.	0.00	Current Cost
Stock Max.	0.00	In Stock
Reorder Level	0.000	In Orders
Stocking Type		

MODULE FEATURES

You can :

- Create requisitions
- Purchase orders
- Receive parts to the correct location
- Return parts to vendors or location
- Stock inventory in multiple locations
- Categorize items by Group/Sub Group
- Add substitutes Items
- Manage stock level
- Analyze Item use

PURCHASE MANAGEMENT

This module manages your purchase system. It helps you manage everything related to purchasing. Create requisitions; purchase orders, vendors' information. You also manage purchase order placement, approval levels, goods receiving and more.

Using the purchase management helps you track historical vendor's information and will help you select the best supplier for your requirements, saving time, money and avoiding data exposure to individual vendors.

Purchase Order No. :PO200700011 - Axia Boiler Materials (Electrical Repair)

Record View | Parts | Services | Charges/Discounts | Receipts | Notes | Attachments

PO No. PO200700011	Organization HeadQuarters	Delivery Information
Description Axia Boiler Materials (Electrical Repair)	Order Status Approved	Delivery Address
	Order Date 5/22/2009	Delivery Date 5/22/2009
	<input checked="" type="checkbox"/> Order Approved	Delivery Type
	<input type="checkbox"/> Order Completed	Delivery Cost
	<input type="checkbox"/> Reopened	
Vendor Info	Order Totals Refresh Totals	User Fields
Vendor No. N05651	Currency DOP	
Contact Name	Exchange Rate	
Contact Phone	Payment Terms	
Contact Fax	Tax Total 0.00	
Contact Email	Total Charges/Discounts 0.00	
	Total Part Value 1,587.67	
	Grand Total 1,587.67	
Created By LEO	Approved By LEO	Closed By
Last Updated 5/22/2009	Approval Date 5/22/2009	Closing Date
Updated By		

MODULE FEATURES

You can :

- Create requisitions
- Create purchase orders
- Create vendors records
- Manage goods receiving
- Track vendors historical data
- Define your own approval levels
- Create service order
- Add user defined fields

BUDGET MANAGEMENT

This module helps you to have a budget for any season, project associated with maintenance work. This module helps you capture, supervise, control and analyze expenditures in your maintenance work.

Budget No. : BUD-2009-MAT -MATERIALS BUDGET FOR 2009

Record View	Child Budgets	Comments			
Budget No.	BUD-2009-MAT	Organization	HeadQuarters	User Fields	
Description	MATERIALS BUDGET FOR 2009	Status	Close		
Parent Budget	BUD-MAINT-2009	<input type="checkbox"/> Budget Approved			
From Date	12/31/2009				
To Date	1/1/2009				
Budget Keeper	JHONHSTAC				
Initial Amount	8,250.00				
Current Amount					
Created by	LEO	Updated By		Approved By	
Created on Date	2/5/2009 6:15:38 PM	Last Updated		Approved on Date	

Module features

You can :

- Create budget based on date
- Create parent budget
- Establish your own hierarchal structure
- Add user defined fields

PROJECT MANAGEMENT

This module allows you to track projects associated with maintenance work. With project management you can have a comparison of actual cost against programmed costs.

The project management helps you group work orders that are executed with specific resource, cost and time objectives to meet one or more goal(s). This is a great tool that will help you plan a maintenance work would last for days, months, or years to be completed and requires the coordination of thousands of work orders and resources.

Project No.:PROJ-NOV-08-001 - Install new Electric system in buildings

Record View		Details		FeedBack		Work Orders	
Project No. PROJ-NOV-08-001				Schedule and Approval			
Description Install new Electric system in buildings				Scheduled Start Date 10/1/2008	Approved By <input type="text"/>		
Organization HeadQuarters				Scheduled End Date 1/30/2009	Approved on Date <input type="text"/>		
Status <input type="text"/>				Actual Start Date 10/1/2008	Closed By <input type="text"/>		
Coordinator 1237				Actual End Date 1/1/1900	Closed on Date <input type="text"/>		
Parent Project <input type="text"/>				<input type="checkbox"/> Project Approved <input type="checkbox"/> Project Closed			
Budget No. <input type="text"/>							
Estimated Costs		Actual Costs		Refresh Totals			
Labor Cost Value	23,000.00	Labor Cost Value	0.00				
External Cost	0.00	External Cost	0.00				
Total Parts Value	34,562.00	Total Parts Value	0.00				
Taxes Total Value	<input type="text"/>	Taxes Total Value	<input type="text"/>				
Miscellaneous	34,562.00	Miscellaneous	0.00				
Estimated Grand Total	92,124.00	Actual Grand Total	0.00				

Module features

You can :

- Create Projects based on date
- Create parent Project
- Establish your own hierarchal structure
- Add user defined fields
- Compare Estimated cost against actual cost

REPORTS

This module helps you analyze all your information with reports and graphs. This is an unlimited module since AssetDigit-@ has a report creator which is an easy-to-use report generator that allows you create reports on the fly.

List of Equipments Grouped by Type Report

8/29/2009

Asset No.	Description	Brand	Location	Organization
010021				
040599				
050609				
083814				
246055				
880506				
990100				
993410				
BUILD				
FORK-01				
MILL				
WAT-PUMP				
37225697	NEW Cummins 1000 kW Standby Diesel Generator with Factory Warranty	Cummins 1000 KW - DFHD	123	NC Location
37225713	NEW Cummins 1000 kW Standby Diesel Generator with Factory Warranty	Cummins	124	HeadQuarters
37225714	NEW Cummins 1000 kW Standby Diesel Generator with Factory Warranty	Cummins	124	HeadQuarters
37225715	NEW Cummins 1000 kW Standby Diesel Generator with Factory Warranty	Cummins	124	HeadQuarters
ENERG-002-003	Power Generator 350kw	Solar Generator	124	HeadQuarters
GEN-001-124	POWER GENERATOR		123	NC Location
GENE-001	HONDA 2500 POWER GENERATOR	HONDA	124	HeadQuarters
	010021 7			
040599				
AIR-COMPR-002	NorthStar Gas Stationary Air Compressor — 13 HP, 26.2 CFM At 90 PSI	NorthStar	124	HeadQuarters

Module Feature

You can :

- Print, preview and export data in several formats such as pdf, csv, xml, xls and word
- Create reports on the fly using the report creator
- Filter data using any desired criteria
- Customize reports labels
- Create graphs

Work Orders by Organization

