



INTELLIGENT ENTERPRISE ASSET MANAGEMENT

Intelligent EAM for Asset intensive industries by Ramco

Ramco EAM Solution

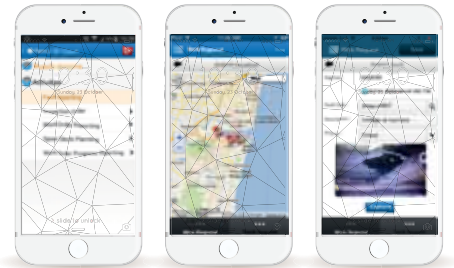
ramco

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the area of EAM, MRO, HCM and Global Payroll. Ramco Systems is positioned in the Gartner Magic Quadrant for Enterprise Asset Management Software. It is ranked the second-highest in customer references for EAM functional capabilities. It is the only vendor in the APAC region and only vendor featured in all 4 categories Gartner Quadrants- ERP, EAM, Financials and HCM.



INTRODUCTION TO RAMCO SYSTEMS

Ramco Systems is part of a diversified conglomerate known as the Ramco Group of companies. Headquartered in Chennai, the company has 24 offices across India, USA, Canada, Europe, Australia, Middle East, South Africa, and the APAC region. The company focuses on providing innovative business solutions that can be delivered quickly and cost-effectively in complex environments. They have proved to be a fast-growing enterprise software player with their multi-tenant cloud based enterprise software in

RAMCO EAM SOLUTION

Ramco EAM is a result of more than two decades of global experience in delivering and implementing solutions for managing critical assets. From power plants, aircrafts, manufacturing plants, buildings and real estates to more, Ramco does it all.

Why choose RAMCO EAM?

- Manage the entire asset life cycle on a unified platform
- Quick turnaround time
- Lower total cost of ownership
- Healthy return on investment
- Mobility as a part of the core EAM
- Flexible pricing model
- Embedded innovation like chatbots, IoT and AI & ML



BENEFITS OF RAMCO EAM

- **Zero UI** - No login required. You can chat, inquire and act from anywhere while making use of a hands-free data entry option.
- **Frictionless Experience** - With unified hubs and facial recognition software, you are provided with a lean, efficient and contextual application that is complete with an automation framework. A connected ecosystem makes tagging and retrieval functions an easy task.
- **AI/ML** - Smart data defaults and optimal recommendation coupled

with features like; anomaly detection, prediction, audits and alerts results in a cost-effective platform that reduces errors whilst organising data forecasts.

- **Alerts, Notifications, and Actions** - Pre-emptive real-time alerts in-app and a workflow guided system encourages seamless workflows.
- **Self Service Reporting** - Provides financial dimensions with embedded analytics and business insights that help reveal blockages.

LET THE NUMBERS DO THE TALKING

- 10-15 % Improved throughput and efficiency
- 10-15 % reduction in material/service cost
- 30-40% reduction in unplanned breakdowns means lower maintenance budget & production losses due to interruption
- 10-15% enhancement in resource productivity
- 12-15% reduction in OPEX & CAPEX
- Increased reliability and safety
- Improved ROA
- Enhanced regulatory and environmental compliance



RAMCO EAM | CORE SOLUTION OFFERING FOR ASSET MANAGEMENT

Fixed Assets	Project Management	Inventory & Procurement	Asset Management		HCM	Finance & Accounting
Asset Planning	Planning & Budgeting	Inventory Analysis & Planning	Equipment Induction & Setup	Std. Procedures & Tasks	Workforce Mgmt.	General Accounting
Capitalisation	Project Definition	Warehouse Mgmt.	Preventive Maintenance	Maintenance Budgets	Planning	Receivables Mgmt.
Insurance	Project Planning & Tracking	Phy. Inventory & Cycle Counting	Predictive Maintenance	Service Management	Qualification & Certification	Fixed Assets Mgmt.
Asset Inventory	Billing	Sourcing & Purchasing	Shutdown / Annual Maintenance Mgmt.	Warranty & AMC Tracking	Employee Development	Mgmt. Accounting
Depreciation	Project Closure	Inbound Logistics	Inspection & Calibration	Work Logs		Consolidation & Reporting
Transfer		Subcontracting	Lubrication	Planning Folders		Financial Services
Revaluation		Supplier Portal	Real Time Integration (RTI)	Fault Reporting		Planning & Budgeting
Disposal		Outbound logistics	Reliability	Downtime Analysis		Grants & Funds Mgmt.
			Maintenance Hist. Review	Work Management		Local Taxation
			Rental & Lease Mgmt	Safety & Permit Mgmt.		

Enterprise Add-ons									
Mobility Apps		Plan & Optimize	AI/ML Platform		Event Platform	Hubs		Platform	
Warehouse	Customer	Inventory	Discrepancy Reporting	Price Anomaly	Msg Queues	Master	Finance	Mail IT	Integration Gateway IRIS / EDI
Route	Approve	Capacity	Parts Suggestion	Fault Reporting	Alerts	Procurement	Inventory	BOTS	Real Time Integrator (RTI)
Mechanic	Employee / Manager	Transport	Auto Codification	Defaulting	Notification Actions	Production	Sales / CRM	Workflow	Extension Tool Kit

INDUSTRIES



Power Utilities



Cement/ Mining



Manufacturing



Infra/ Facilities/ Real Estate



Aviation/ Defence/ Military

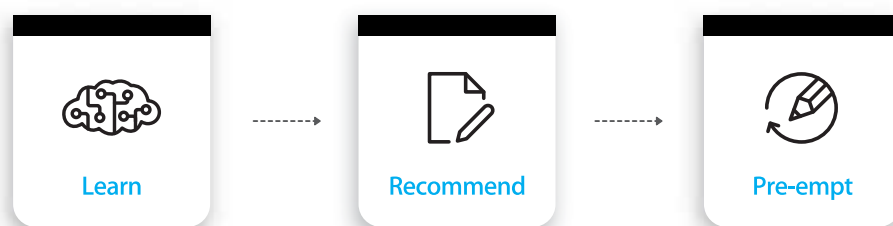


Ports/ Fleets/ Logistics



Equipment Rental

HOW CAN AI/ML PLATFORM HELP?



AI and ML features include smart defaulting, a recommendation engine, anomaly detection and auditing. With smart defaulting in place, universal validation & defaulting for a work order or maintenance of schedules can be created with ease. On the other hand, a recommendation engine provides optimal options given the problem and circumstances. Whereas an anomaly detection scheme along with an auditing feature is able to find discrepancies and frauds and even fraud respectively.

With predictive maintenance driven by AI and ML, trigger alerts to operators help identify problems early and avert potentially catastrophic failures.

Ramco's mobility allows you to access details regarding your field services and warehouse from anywhere in the world at the click of a button. You can raise a Work Request, Execute Work Order, Inspection Order, Stock Issues, Vendor Consignments, Shipments and more, right from your hand-held device.

'Anywhere Apps' are available for:

- Operators
- Technicians/Mechanics
- Storekeepers
- Supervisors & Managers (for approval)
- Customers

**Passive
Enterprise
Applications**

to

**Intelligent
Enterprise
Applications**

SUCCESS STORIES



TAT HONG

Background:

Headquartered in Singapore, Tat Hong is one of the world's leading crane rental companies. Over the past four decades, Tat Hong has expanded its operations to Singapore, Malaysia, Thailand, Indonesia, Hong Kong, China, Vietnam, and Australia. With a 30 year track record, Tat Hong serves customers in diverse industries such as construction and engineering, infrastructure, oil and gas, power generation and resources.

Key Business Needs:

- Improving and streamlining business processes for rental operations
- Analysis and insights for ensuring business outcomes
- Single integrated solution for real-time insights, including accurate maintenance activities and maintenance costs
- Optimise processes across sites, providing anytime and anywhere access to personnel
- Use the latest technology without costly and complex upgrades
- OpEx model, with the flexibility to ramp up or down as required

Key Business Benefits:

- Covers rental operations for a huge fleet of equipment
- Billing methodologies such as calendar or full month based as well as proration and hour based, provide added flexibility
- Improved workflows in rentals due to the integration of equipment rental, maintenance, purchasing and inventory

- Vastly superior ease of use with easy transitions as formal changes in management programs are not needed
- An accurate view of cost, equipment availability, budget utilization, equipment movement and repairable tracking
- Enterprise Reporting Platform provides detailed insights

Solution Offered:

- Ramco Enterprise Asset Maintenance on cloud which includes end-to-end rental operations, asset life cycle management and supply chain access
- Portals and Dashboards
- Reporting and Integration Platforms on cloud
- Advanced reporting and bi-mobility
- Tat Hong Web-Portal integration for customer inquiries
- Finance integration for invoicing data with a legacy system
- Equipment tracking on maps

For More Information

<https://www.ramco.com/erp-suite/eam/>

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