

The Ramco Group



\$3B in MCap



\$1B in Revenues



14,000 Employees

Fifth largest Cement producer in India

First ERP Company in Asia

Most efficiently run spinning mill in India



Textile



Cement



Building Products



Power



Logistics



Educational Institutions



Software Products









Unified digital platform to manage your end-to-end needs

Ramco ERP

With vertical flavors to address



Product - centric

Manufacturing



People - centric

Staffing | Contingent Workforce | PSA & FMS



Logistics + Aviation + Rental



Addressing Asset Centric & People Centric Industries





Ramco's Comprehensive Solution Stack

Finance & Accounting	Real Estate Management	Project Management	Inventory & Procurement	Enterprise Asset Management	Sales & Distribution	Manufacturing	Quality Management	Guard Management	Logistics Management	SRP	НСМ
General Accounting	Land Bank Management	Planning & Budgeting	Inventory Analysis & Planning	Equipment Induction & Setup	Sales Administration	Estimation	Attribute Management	Assessment	Transport Management	Proposal & Estimation	Core HR
Receivable Management	CRM	Project Definition	Warehouse Management	Preventive Maintenance	Demand Planning	Planning	Inspection & Sampling Plans	Quotation	Order & Warehouse Management	Rates & Contract Management	Employee Benefits
Payable Management	Lease Mgmt.	Project Planning & Tracking	Sourcing	Predictive Maintenance	Order Management	Work Order Management	Quality Administration	Contract Mgmt	Hub Management	Time & Attendance	Time & Attendance
Fixed Assets Management	Property Sales	Interiors Billing	Purchasing	Shutdown / Outage Mgmt.	Outbound Logistics	Scheduling	Acceptance & Rejection analysis	Site Administration	Logistics Command center	Payroll & Benefits	Payroll & Benefits
Financial Reporting	Utilities Billing	Project Closure	Inbound Logistics	Work Management	Warranty Management	Manufacturing Execution		Resource Allocation	Contracting and Billing	Expense Management	Talent Management
Global Taxation Solution	Building Maintenance		Subcontracting	Reliability & Review	Service Management			Work Reporting	Fleet Management	Billing & Revenue Management	Recruitment
Consolidation	Customer Portal		Supplier Portal	Equipment Rental Mgmt.						Contract Workforce Management	

Enterprise Add-ons

Mobility Apps		Plan & Optimize	AI/ML Platform		Event Platform	Hubs		Platforms	
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	Enterprise Cardiogram
Mechanic	Employee /	Transport	Auto		Notification	Production	Sales/ CRM	(ECG)	
	Manager		Codification	Defaulting	Actions			Workflow	Extension Tool Kit

Ramco Systems positioned in Gartner Magic Quadrant for ERP

Ranked the second highest in customer references for functional capabilities

Only APAC vendor and one among the THREE Global vendors to be featured in all 4 categories of

Gartner Quadrants – ERP, EAM, HCM & Financials



MNCs & Leading businesses trusting us

REDTAG	Dabur	G COLUMBIA HELICOPTERS	Standard Schartered	Norske Skog	HEVILIFT
RAMCO	DLF&	[CAMERON]	SEAROAD	⊗RSA	NATIONWIDE EXPRESS
Pri	swatch	Lubrizol	Honeywell	DB SCHENKER	AIRBUS HELICOPTERS



Why are we Unique

Our Unique Proposition

A Solution meant and **built** for, Manufacturing, Maintenance, **Logistics**, Staffing & Professional Services Providers



Flexibility to manage different types of customers and industries



Complete visibility of operations through intelligent **Hubs, portals**—Integrate pod and & real-time integration <u>across Lines</u> <u>of Business</u> (LOBs)



Power of One

To run the complete business solution



Zero touch billing and **Revenue leakages** the industry grapples with



Sustained Innovation – AI, ML, Chatbots, Blockchain, Voice and Visuals, etc.



The Industry Challenge We address



An industry largely deprived of its ingenious solution



Disconnected functions – Ubiquitous Source of inefficiencies and leakages



Oxymoronic coexistence of Unfulfilled Demand & Low Resource Utilization



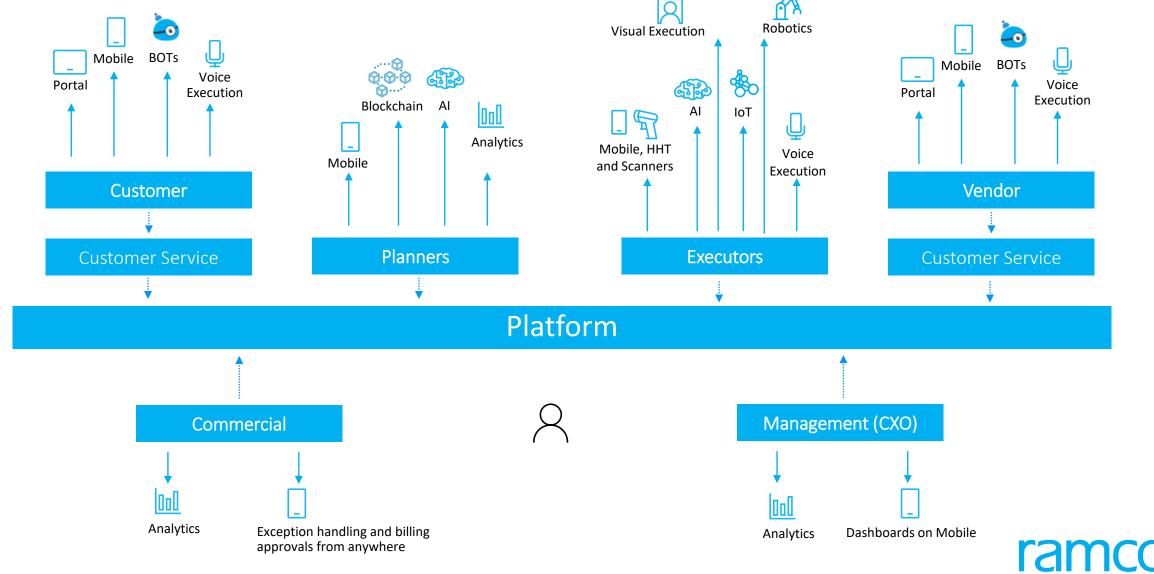
Lack of Cohesion / Unpredictability



Operational and Financial Blind spots



Future Digital state: Ramco Digital Platform



iRIS – API Management

Key Features

API Store

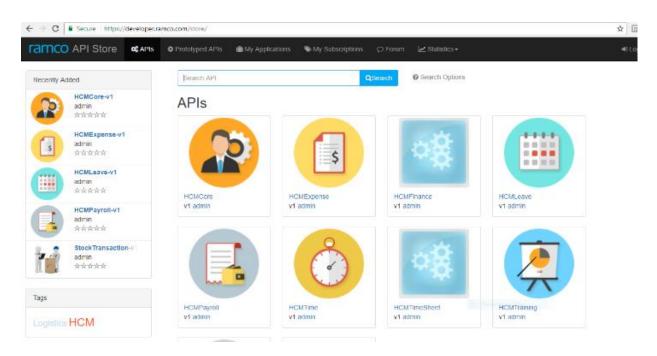
API life cycle
API discovery – Customers/Partners
Scalable
Throttling

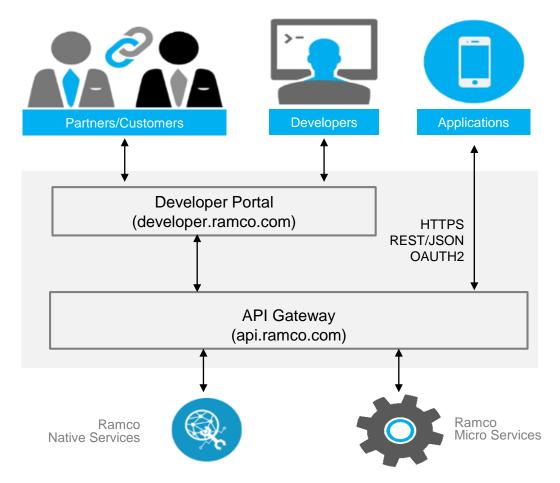
Secure, Credentials Management OAUTH2

Online Documentation

Support for

System to System Mobile Apps

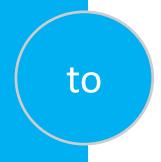








Passive Enterprise Applications



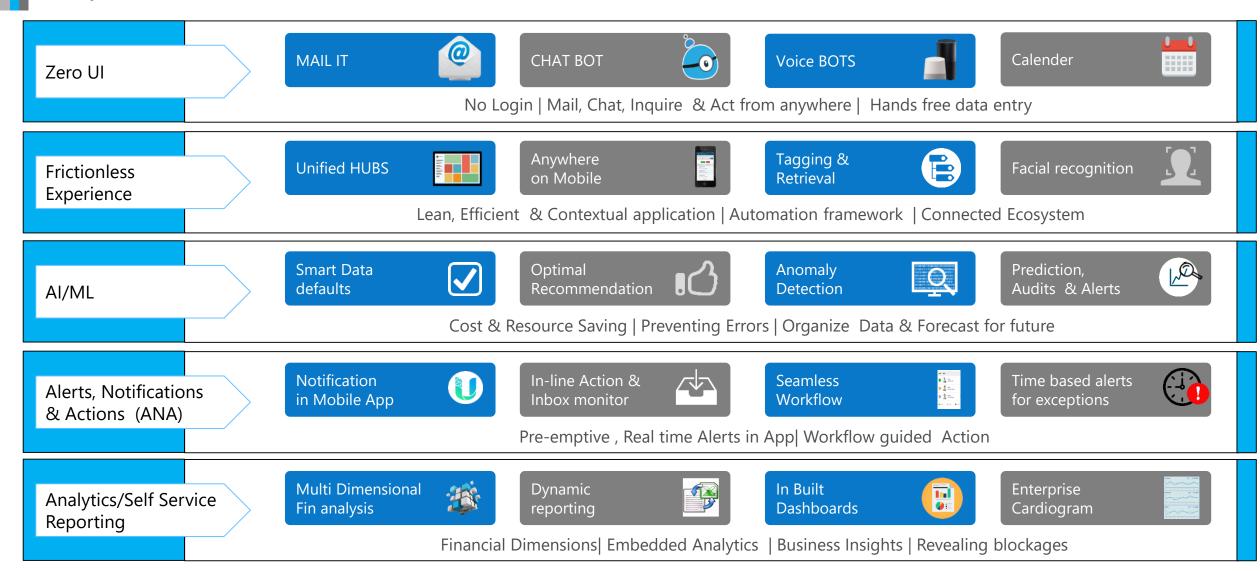
Intelligent
Enterprise
Applications



Key Tenets



Key Tenets of the solution





What if you could complete all your transactions in a structured manner from your email or chat window?

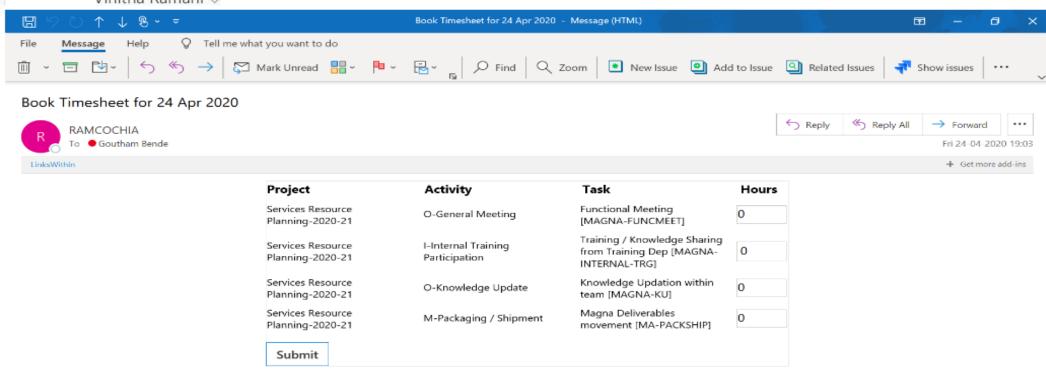


Personalization Engine



Outlook Actionable Messages





If the card doesn't appear, Check in O365 Web mail.





Alert Notification & Actions

Event based Notifications...

- Immediate Actioning
- Zero paperwork
- Better Visibility
- Avoid Revenue Leakage

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12:47
August 13, Thursday

Ramco Unify

now

Renault increased Hamburger Qty from 850 to 950, to be delivered at 11.30 AM on 7th September, Please Approve

👖 Ramco Unify

now

Journal Voucher # JV01227 is Pending for your Approval

Ramco Unify

now

Menu replacement for contract # AN/01250 is pending for your approval

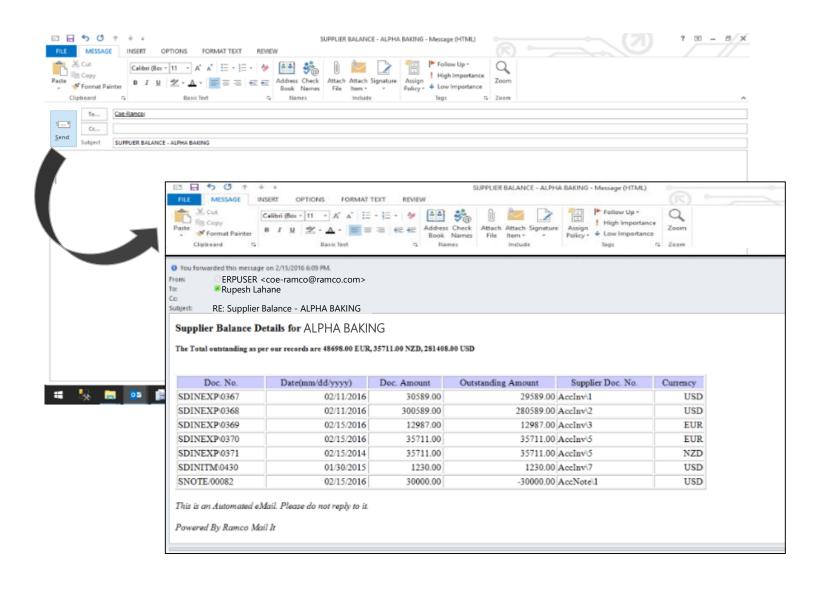
Ramco Unify

now

JM Health Invoice #COBI00363 is overdue for more than 30 Days

Frictionless IT enablement brings Agility







Even better...how about the Bot reads your Outlook Calendar and...



Fills your Timesheets



Raises Travel requests



Alerts on your next Assignment



Raises Your Expense claims



We know All Know...



70% of all transaction in 2023 will be Voice



Voice is the new UI





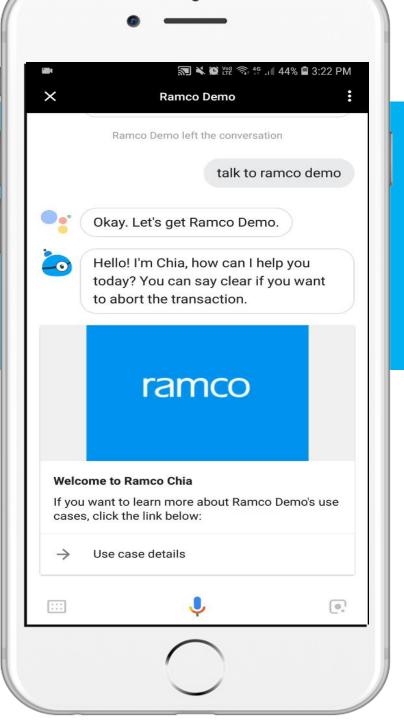




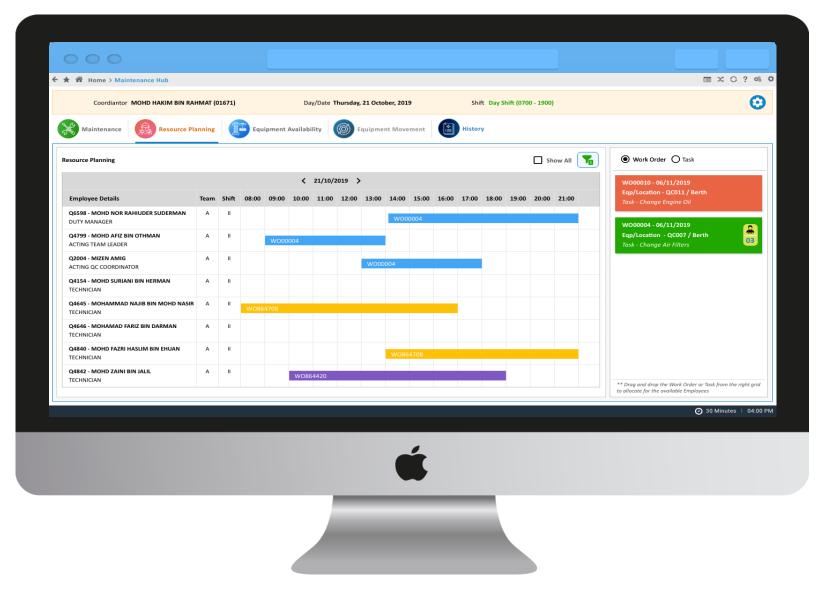








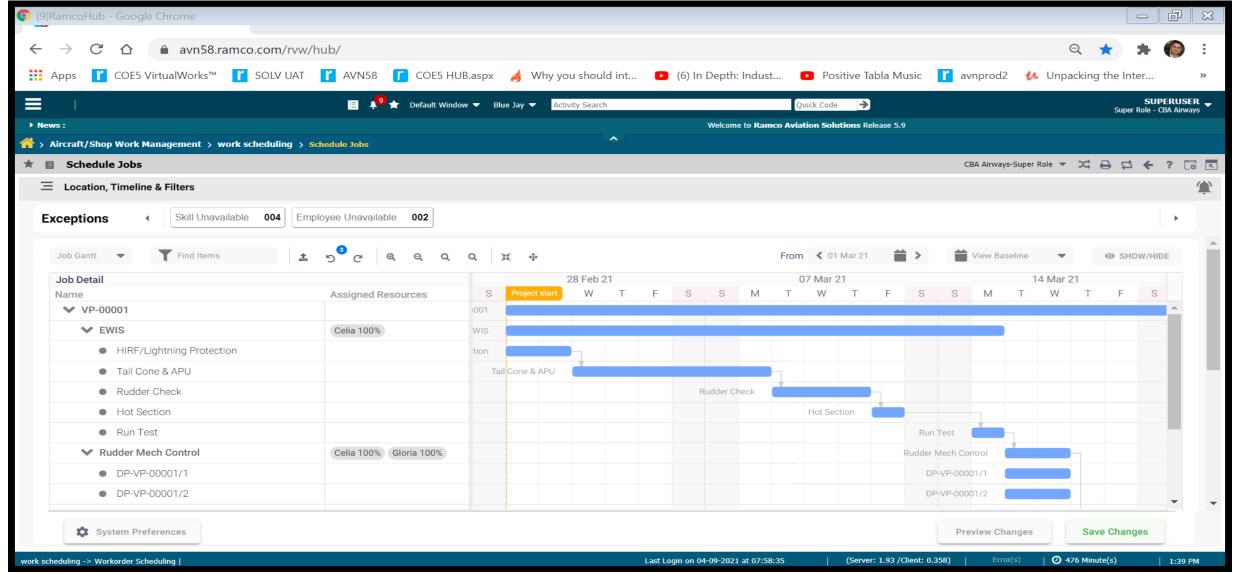
Intuitive UI & UX for users... and admins as well.





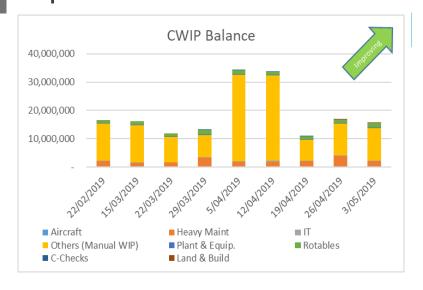


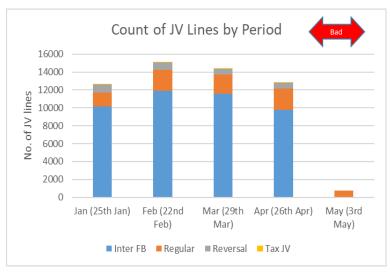
Gantt Charts

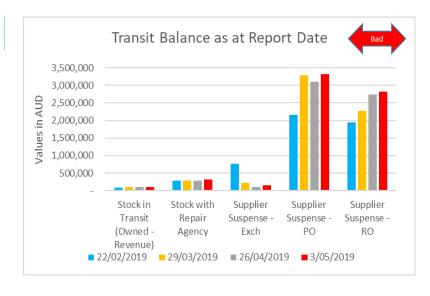




Operational Metrics - Finance



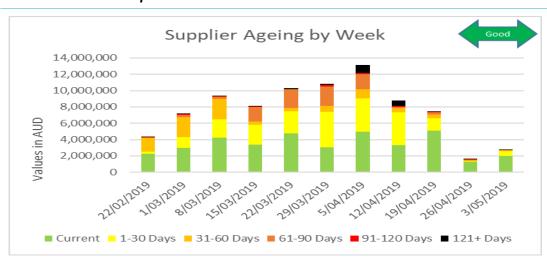


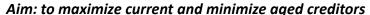


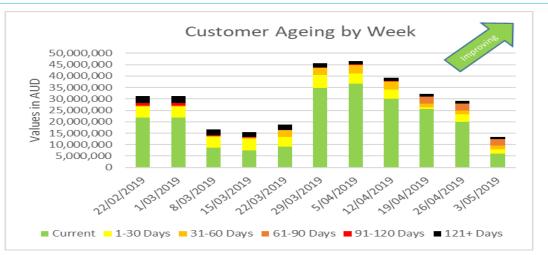
Aim: to reduce the Manual WIP balance posted against Exp. Inv and JV

Aim: to minimize the number of journal lines

Actual balances against their target values







Aim: to minimize overdue customer invoices



How we leverage AI/ML



Bringing Up The Right Choices And Selections:

Universal Validation, Smart Suggestions & Defaulting



Preventing Damage:

Catching Mistakes, Errors & Even Fraud



Organizing & Preparing For The Future:

Being Able To Predict Events
Such As Faults & Failures



You Act By Only Exceptions...

Anticipatory Computing Makes You Alive And Active



Anticipatory computing

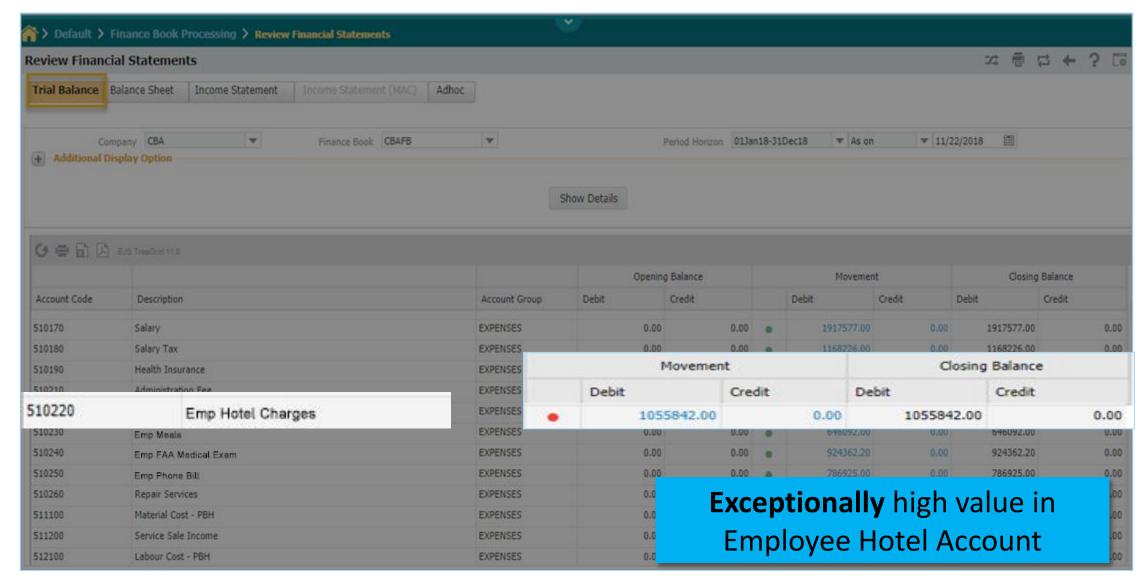


Moving Towards Smart Prediction of Events based on advanced algorithms

- You attend a safety meeting every Thursday this time, shall I clock your time?
- Proactive customer follow-up based on past customer behaviour
 Al should be like 'Melted butter': Barely Visible, Highly perceived!
- Can I raise a Travel request based on Meeting acceptance in Calendar?
- Automatically manage working capital based on customer behaviour

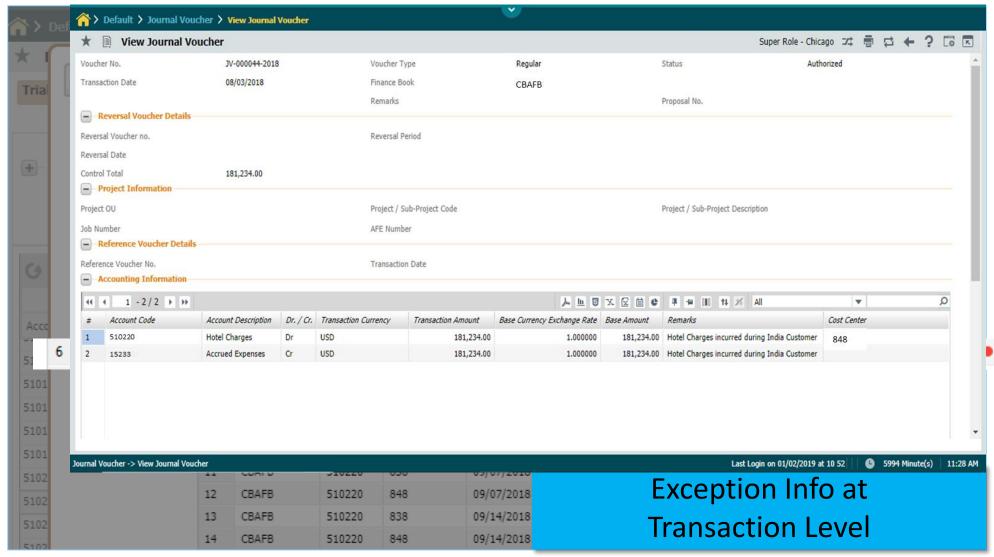


Al / ML | Auditing — Month-end Variances

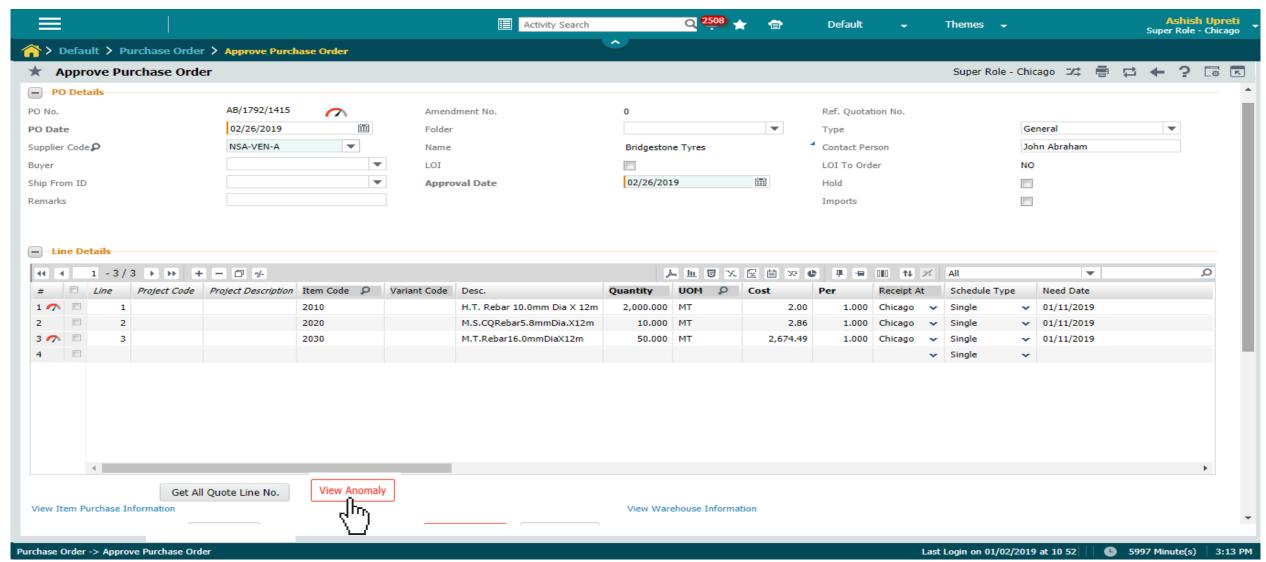




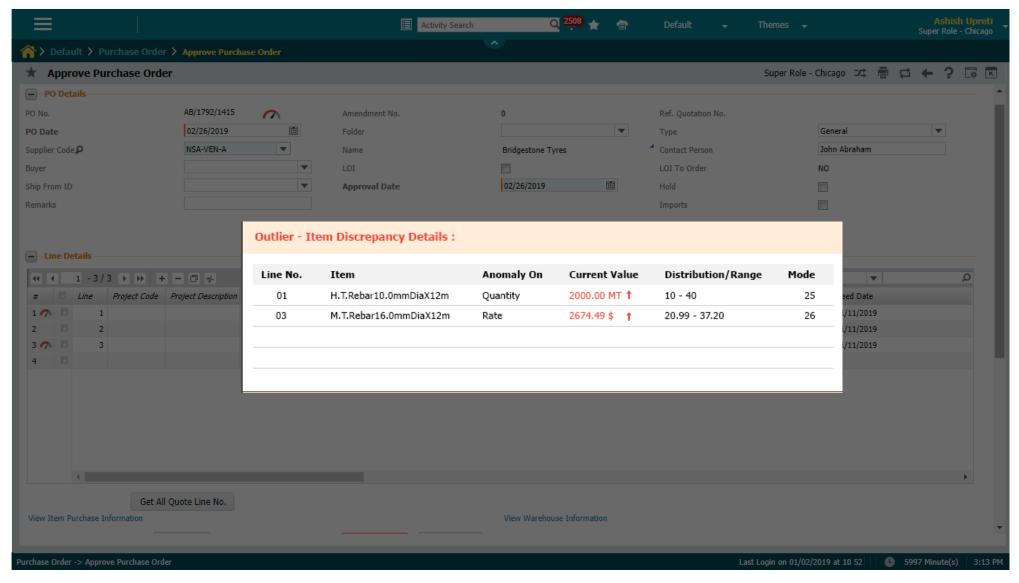
Al / ML | Auditing — Month-end Variances



AI/ML Anomaly Detection



AI/ML Anomaly Detection





Digital Transformation



Digital Transformation Platform



Innovation

Digital Transformation of Core Business

Optimization

Machine Assisted Decision Making - Predictions & scenario evaluation

Achieved through common ERP across brands, Segments

Connected, Real-Time

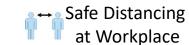
Simplify Process | Upgrade | Standardization across brands | Prepared meal vs Cook at site | Get to a high integrity transactional data

Connect to the Future with Ramco

Innovation Lab









AI/ML



Face API



Next-Gen Mobility



Big Data through IoT



Mixed Reality



Drone Based Inspection



Safe entry and Exit





Customer Case Studies



One of the largest Ports in Malaysia replaces Oracle with **Ramco ERP** to bring digital transformation to their Asset Intensive Port Operations





 Current port offers 14 berths totaling 5 km of linear wharf length | 1.2 million sq m container yard | Contains around 214,000 TEU in storage space | 38,000 ground slot | 5,080 reefer points

Key Business needs

- Replace the existing Oracle Solution and several other disparate point solutions
- Bridge functional gaps in Oracle, provide ease of use
- Single integrated solution for real time insight, including accurate maintenance costs, part availability across sites
- Use latest technology and ease of use for their operations
- Accurate HR and Payroll Solution
- Optimize processes across functions
- Interface with Billing and Fuel management system

Key Pain Points

- No single version of truth
- Old technology with manual processes
- High administrative overheads, increased inventory levels
- Maintenance costs of multiple point solutions
- Manual process for Planning, Budgeting, e-tendering, treasury management
- No accurate view of cost, budget utilization

Solution offered

- End-to-End Asset Management
- Finance, Procurement & Inventory
- HCM & Payroll
- Customer Portal, Supplier Portal
- Integration with Partner Solution for Analytics, E-tendering and Treasury management
- Integration with existing Billing System and Fuel Management System

Duration of the Project

• The project is planned to be completed in 12 months for the entire above mentioned scope

Competition

Win comes in after tough competition from biggies like SAP,
 Oracle, IFS and few other regional players

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Headquartered in Singapore, Tat Hong is one of the world's leading crane rental companies, with a fleet size of more than 1500 comprising of crawler, mobile and tower cranes ranging in size from under 50 tonnes to 1600 tonnes. Over the past four decades, Tat Hong has expanded their operations to include Singapore, Malaysia, Thailand, Indonesia, Hong Kong, China, Vietnam, and Australia.

With more than 30 years of track record, Tat Hong serves customers in diverse industries such as construction and engineering, infrastructure, oil and gas, power generation and resources.





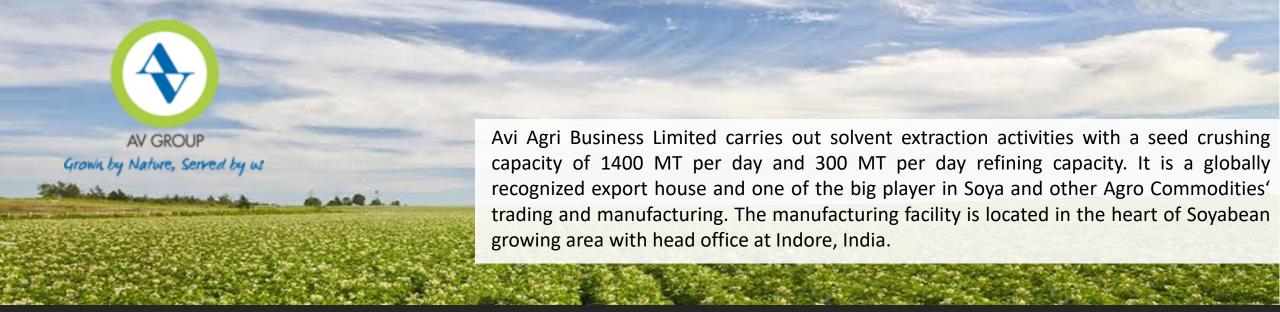
- Improving and streamlining business processes for rental operations
- Analysis and insights for ensuring business outcomes
- Single integrated solution for real time insight, including accurate maintenance activities and maintenance costs
- Optimize processes across sites, provide anytime anywhere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

Solution offered

- Ramco Equipment Rental Management on Cloud including end-to-end rental operations, asset life cycle management, supply chain
- Portals and Dashboards
- Reporting and Integration Platforms on Cloud
- Advanced reporting and BI
- Mobility
- Tat Hong Web-Portal integration for customer enquiries
- Finance integration for invoicing data with legacy system
- Equipment tracking on maps

- Covers rental operations for huge fleet of equipment for their rental operations
- Billing methodologies like calendar based, full month based, proration, hour meter based billings to give more flexibility in billing
- Improved workflows in rental as equipment rental,
 Maintenance, Purchasing and Inventory, are all integrated
- Vastly superior ease of use easy transition with no formal change management programs needed
- Accurate view of cost, equipment availability, budget utilization, equipment movement, repairable tracking
- Enterprise Reporting Platform to give better insights.





Business Needs

- Lack of integrated information /transaction processing system
- Production costing was a big pain as well as item wise profitability calculation
- Growing business needs required a system to be scalable along with being flexible
- Decision making for top management by getting business critical information at the fingertips.
- Seeking a native ERP leader to meet needs of Indian soya industry

Solution

- Integrated solution which facilitates all trading & production oriented business processes
- Process Production
- Supply Chain Management (Inventory, Procurement, Sales & Shipping)
- Exports Management
- Finance & Accounting
- Quality Management (item attribute's quality based automatic amount deduction)
- Gate Operations (Inward & Outward)
- Weigh Bridge Integration
- RTGS Payments

- End to end traceability of materials
- Complete tracking of the raw materials used with supplier's City/Mandi information for the produced finished goods items.
- Automatic calculation of quality deduction amount based on attributes, during the goods receipt process.
- Stock check and stock valuation availability instantly
- Optimized inventory and replenishments.
- Item wise actual cost of production and profitability.





An integrated system to bring increased transparency and efficiencies across the enterprise.

Solution offered

 GL,AR,AP,FA and Management Accounting, SCM with Process Production. Statistical Process Control Maintenance. Attendance Recording System

Key Business benefits

• Clarity and transparency, improved operational efficiencies, Availability of real time information.





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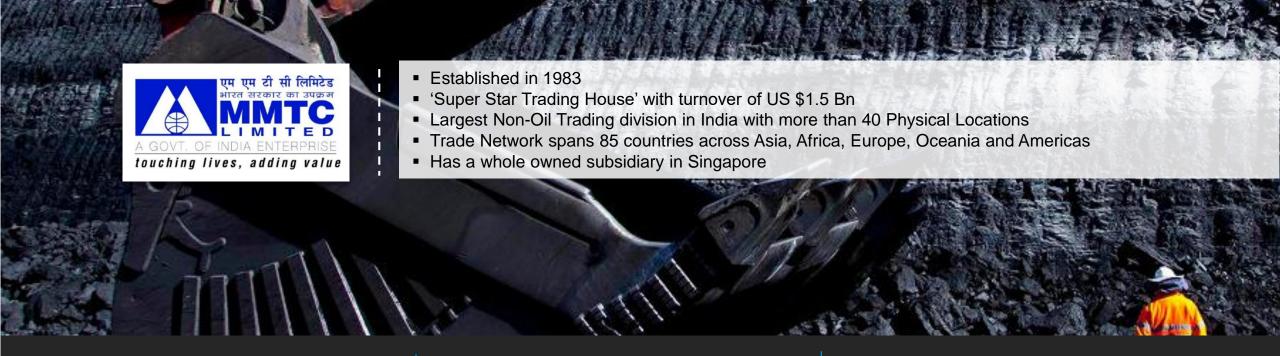
Solution offered

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Key Business benefits

Clarity and transparency, improved operational efficiencies, Availability of real time information.





Business Needs

- Bottlenecks in Notional Pricing, Deferred
 Purchasing, budgeting, costing, imports & exports
 related accounting, freight
- Analytical Data on Tracking prices due to volatility in metal prices
- Fluctuating and Intricate Government policies needed to be addressed.
- Fluctuations in Currency Exchange Rates and impacting Sales Prices
- Increasing complexities with regards to Custom Duties, Bonding by Government on Bullion
- Reconciliation of stock losses of precious metals and their accounting

Solution

- Finance and Accounting
- Advanced features for Bank, supplier and Customer Reconciliation
- Special accounting systems for Custom duty accounting, bonding, and stock transfers
- Notional and actual pricing for bullion transactions
- Price fixation, exchange rate fixation systems, Invoice cum purchasing systems
- Comprehensive accounting systems for Custom duty, freight, cargo clearance
- Entire gamut of shipping, vessel fixation, and transportation features required for trading
- Retailing Sales through local shops and duty free outlets

- Streamlined price fixation using the Ramco Notional pricing system
- System handles a set of complex systems and processes with dexterity
- Being in bullion trading, Ramco solution is able to address the unique features relating to weight controlled items for Metals
- The special requirements of stock transfer and valuation of stock have been fully addressed





Ramco ERP ensures 70 million meals per year gets delivered across US, on time, every time

- Chicago based USD 200 Million company
- Pioneer of school meal programs, since 1967
- Leading supplier of component meal systems for schools, Early Childhood & Senior Centers, as well as frozen pre-plate meals to airlines, military and healthcare facilities.
- Has five plants that manufacture, assemble and distribute meals to customers.

Key Business needs

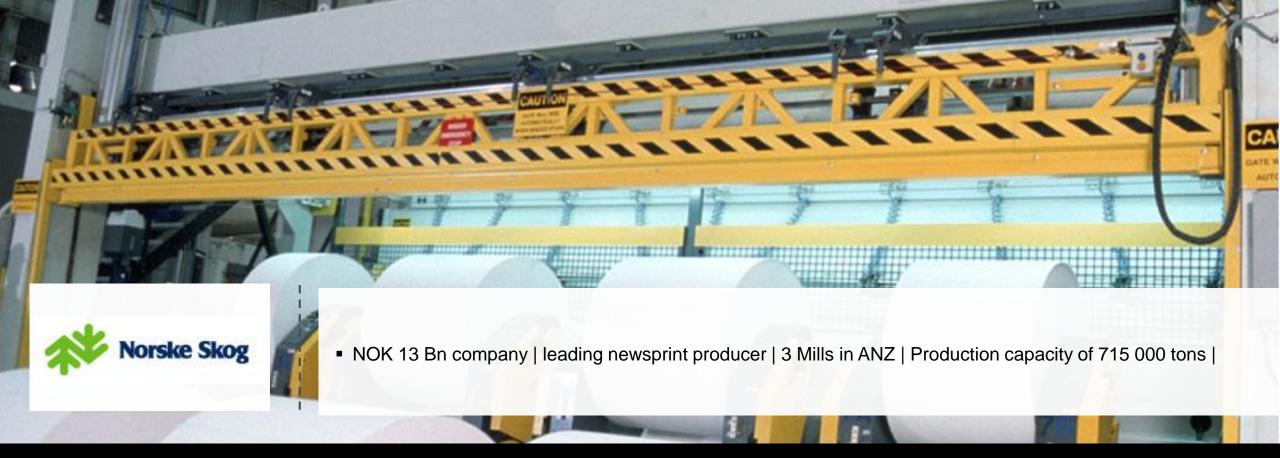
- Preferred Meals needed a system that would-
 - Support rapid business growth
 - 50% planned for next 5 years
- Have the required flexibility to adapt to each client's unique business practices
- Eliminate multiple disparate applications, providing the company a uniform platform throughout
- Be secure, reliable and scalable
- Integrate islands of information into a single solution encompassing all functions of the organization
- Eliminate redundancy in data entry
- Be a user friendly, web based application

Solution offered

- Menus for customers of Preferred Meal Systems
 - Building Menus
 - Maintaining customer calendars
 - Maintaining nutrient values mandated by USDA
- Inventory Planning, Tracking and Management based on customer menus and calendars
- Purchasing
- Sales Pick to Ship
- Manufacturing Preparation and delivery of the menu items
- Nutrition Rollup & Cost Bills
- Financial Accounting

- Integrated system has increased efficiency
- The new system supports the speed of Business Flexibility
- New client rules can be integrated quickly into the system
- Improved Inventory Planning and Management
- Nutrition system has increased accuracy
- Common business processes and tools across all facilities
- Capabilities such as Truck Reconciliation, Site Accessory Tracking and Mass Order Updates for Snow Days
- Enables new key performance indicators for Forecast Accuracy,
 Order Fill Rate and Inventory Accuracy
- Provides a "Single Version of the Truth" via a common database
- Retirement of the Legacy System
- Reduction of the ongoing cost of systems support and maintenance
- Enables future on-line customer order entry and customer menu/report access via the internet





- A single, integrated Enterprise Suite to replace both EAM and Financials
- A high degree of functional fitment with their existing best processes and practices
- Smart use of mobility to empower users and to enhance their productivity
- A robust implementation approach for smooth transition
- A modern cloud based architecture

Solution offered

- Ramco EAM on Cloud provided an Integrated Solution for Norske Skog to manage its
 - Financials
 - Inventory Management
 - Maintenance planning
 - Maintenance program
 - Procurement and
 - Projects

- 10 Mn saving over 5 years
- 3 Upgrades at zero cost
- 75% less capex than conventional
- Workflow automation up by 50%
- Month end raw material reconciliation reduced from 6 hours to 30 minutes
- AP invoicing is 50% faster





- Headquartered at NJ, USA, With central locations at both Trenton Mercer (TTN) and Philadelphia International (PHL) airports
- 64 maintenance stations across 9 repair facilities and 1600 users in more than 30 countries
- Carries out more than 34,000 turns a month and performs repairs on more than 217,700 line replaceable units a year

- Integrated solution for managing Global Component Repair Operations and Line Maintenance
- Better manage multi geo customer contracts
- Flexible and Robust Software solution for Growing business and future Expansions

Solution offered

- Ramco Aviation Maintenance, Materials, MRO Sales and Analytics modules
- Mobility Maintenance Solution with LOPA, Real Time Updates and true offline capability
- Backend integration with Oracle for Procurement and Financial Posting

- Comprehensive Contract Driven Maintenance Management Solution
- Robust Digital Processes including Full Mobility suite, ERP Integrations and Detailed Dashboards
- Proven system for reduced TATs





- Replace the existing Oracle Solution and several other disparate point solutions; Bridge functional gaps in Oracle, provide ease of use
- Single integrated solution for real time insight, including accurate maintenance costs, part availability across sites
- Use latest technology
- Accurate HR and Payroll Solution
- Optimize processes across functions
- Interface with Billing and Fuel management system

Solution offered

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- Old technology with manual processes
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Leveraging Ramco
ERP for service
centric business
along with HCM &
Payroll

7000+
employees across 8
countries | India,
Singapore, Malaysia,
China, Hong Kong,
Japan, Australia &
New Zealand





- Reduce revenue leakage due to disconnect between operations, payroll & Invoicing
- Robust contract management
- Payroll run at multiple levels viz., Customer, Contract, Site, Employee

Solution offered

- Ramco SRP including Contract Management, Staffing, Finance, Procurement, HCM & Payroll
- Robust Payroll and Global Tax engine
- Wage registers and contract labor reports

- ROI was achieved in less than a year
- 40% reduction in invoicing errors
- 90% reduction in Invoice TAT
- Onboarding process is 80% faster



Thank You

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