RAMCO SHIPPING & TRANSPORTATION MANAGEMENT is an end-to-end solution suite that addresses the complete process flow of the Shipping and Transportation Industry.
TECHNOLOGY MAKES THE WORLD FLAT

Being the backbone of global supply chains, Shipping & Transportation businesses thrive on efficacious information systems that integrate and support complex processes dealing with real-time data. Efficient movement of goods across the supply chain at competitive rates needs innovation in both processes and technologies. Traditional product offerings fall short of addressing such demands. Technology assets must be united, and resources optimized, in order to provide an enhanced customer experience and greater ROI. With a strategy that adopts the latest in the technological revolution, companies eliminate major infrastructure investments, gain access to world-class processes, improve their agility in reacting to a dynamic marketplace, share risks with a strategic partner, and reduce operating costs.

Ramco’s Shipping & Transportation Management Solution Suite is built with rich features, that enable you to effectively meet shipping requirements and manage multiple processes and reports required for your business activities. Incorporating best practices that have been derived through years of industry experience and taking into account the challenges faced by the players in the Shipping and Transportation industry, our solution handles the requirements of Shipping and Transportation companies.

ADDED FLEXIBILITY AND SEAMLESS END-TO-END PROCESS MANAGEMENT

By automating your processes and providing you with seamless, end-to-end management, monitoring and communication, Ramco’s Shipping & Transportation Management Solution, powered by the Ramco VirtualWorks® platform, gives you the flexibility you need to rapidly respond to evolving corporate imperatives, regulatory changes, and market conditions.

Our integrated combination of software and services for Shipping & Transportation Management includes:

- Freight Forwarding, NVOCCs, Groupage Providers & Liner Agents, Stevedorers
- Transportation Companies (FTL, LTL, ODC, Project Cargo, Express Cargo, Courier & Small Parcel)
- Container Terminals, Inland Container Depots, Container Freight Stations
- Third-party Logistics Providers
With Ramco’s Shipping and Transportation Management Solution, you can now manage all your important processes, donning the role of a master supervisor who silently keeps performing at the back end.

**BUSINESS ANALYTICS, EVENT DASHBOARD & ALERTS, PERFORMANCE MANAGEMENT**

- Container Tracking and Reporting
- Container Inventory Management
- Shipping
- Billing
- Delivery Order/ Cargo Arrival Notice
- Detention/ Demurrage Calculation
- Delivery Order/ Cargo Arrival Notice
- HBL/MBL, HAWB/MAWB
- LCL/FCL, Air, Consolidation
- Direct Master Bill of Lading
- Booking with Carriers
- Booking with Carriers
- Quotes/Bookings /Tariffs
- Quotes/Bookings /Tariffs
- Freight Forwarding System
- NVOC System
- Integrated Freight Management System
- ICD/CFS Management System
- Warehouse Management System
- Transport Management System
- Fleet Management System
- Inventory
- HR & Payroll
- Finance

**Ramco VirtualWorks®**
INTEGRATED FREIGHT MANAGEMENT SYSTEM – FREIGHT FORWARDING

Streamlining process-intensive activities and optimizing operational and maintenance economics are among the major challenges facing the Shipping and Transportation Industry. There is a business imperative to operate as a lean and agile organization. Choosing the right enterprise solution is critical for companies to meet these objectives and achieve excellence in Freight Management. Ramco’s Integrated Freight Management System (IFMS) is a fully-integrated software package that caters to the specific functionalities of air and sea-based freight forwarders and NVOCCs. The solution has been developed with the help of industry experts from across the globe, incorporating the best of business practices to bring about a paradigm shift in the way things work. Rather than re-deploying enterprise systems, the solution’s underlying platform can leverage business process models to quickly compose new business assets for true “change on demand”.

KEY HIGHLIGHTS

- Quotation and Documentation Management
- Event Management
- Tariff Management – generic and customer specific tariffs
- Container Load Planning
- Transport Pick Up and Cargo Receiving
- Buyer Consolidation
- Electronic Shipping Instruction
- Trans-shipment Planning
- Master Charges Apportionment
- Airline-wise AWB Stock Maintenance
- Document Dispatch Details
- Multi-company, multi-location and multi-currency system
- Auto-trigger of emails and SMS, based on specific activities
- Integration with EDI, customs, third-party applications

BENEFITS

- Tariff Management and Tariff Reconciliation
- Trade lane wise Profitability Analysis
- Consolidated pickup and delivery planning
- Bill of lading wise Profitability Analysis
- Addressing complex billing requirements
- Prompt generation of shipping documents
- Optimizing booking space with shipping liners
- Efficiently monitor the movement of shipments through event management
INTEGRATED FREIGHT MANAGEMENT SYSTEM - NVOCC

Managing high volumes of containers, inventory monitoring, revenue realization, dealing with a wide network of partners across many trade lanes and complying with documentation is quite a challenging task for any NVOCC. Ramco is one of the few ERP providers that follow best practices in the Shipping and Transportation Industry with formidable domain expertise. Ramco’s NVOCC Management Solution that helps you manage your NVOCC functions end-to-end.

KEY HIGHLIGHTS

- Container Inventory Management
- Tariff Management
- Detention and Demurrage Calculations
- Container Procurement Management
- Container Repair and Maintenance
- Port and Plot Information
- Quotation and Documentation Management
- Event Management
- Vessel Planning
- Trans-shipment Planning
- Multi-company, multi-location and multi-currency system
- Auto-trigger of emails and SMS, based on specific activities
- Integration with EDI, customs, third-party applications

BENEFITS

- Optimizing booking space with liners/vessel operators
- Effective monitoring of empty containers at locations
- Optimization of container inventory, based on their empty/laden status
- Cost Analysis of the estimated and actual repair costs of containers
- Container history based on operational movements, costs and repairs
- Efficiently monitor the movement of container through event management
- Tariff Management and Tariff Reconciliation
- Trade lane wise Profitability Analysis
- Bill of lading wise Profitability Analysis
- Addressing complex billing requirements
- Prompt generation of shipping documents
Today, as markets expand globally and supply chains become increasingly complex, it is imperative to leverage and optimize your company’s transportation and fleet management competitively. Your system should sense changes and react appropriately in real-time to network events, while improving visibility and responsiveness.

Ramco’s Transportation and Fleet Management Solution enables you to do just that! It helps calculate and settle freight costs based on actual shipments and current freight rates, and uses this information to verify invoices sent from carriers or from self-billing transportation service providers. You can consolidate orders and optimize shipments across your company to maximize return on transportation costs. We also help you trim your delivery and collection schedules, by snugly integrating your inbound and outbound logistics.

### KEY HIGHLIGHTS
- Line haul/Milk Run Management
- FTL/LTL Consolidation
- Tight control over schedules
- Truck/stock visibility
- Delivery Management
- Vehicle Planning with Optimization
- Route Optimization
- Consignor Schedules
- Cost Worksheet
- Consignment Monitoring
- Maintenance Scheduling
- Asset Work Order
- Warranty Management
- Tire/Fuel Management
- Accident Management

### BENEFITS
- Trim delivery and collection schedules
- Performance monitoring of transport suppliers
- Tight integration of inbound and outbound logistics
- Trip-wise Profitability Analysis
- Program line haul schedules
- Optimize inventories for your clients by providing prompt and efficient delivery
- Automate and optimize transport documentation
- Improve and streamline complex billing processes
- Reduce vehicle downtime
- Reduce maintenance costs through efficient use of planning tools and maintenance resources
- Maintain and monitor your assets
- Manage component service life
Inland Container Depots (ICD) play a significant role in the global logistics and supply chain industry, enabling incessant movement of containers from outside to the mainland. Usually located in an inland area far away from the sea port, yet with all the customs facilities as at the port, ICDs are built to address the logistics needs of an economy. Globally, ICDs are leveraging IT to transform their systems, technologies and methods. The competitive edge is enhanced by the ICD’s ability to enable faster receipt and dispatch of cargo, swift stuffing and stripping of containers, consolidation and desegregation of LCL cargo, handling large volumes of cargo, and clearing cumbersome processes swiftly.

Ramco’s solutions for Inland Container Depots, coupled with the company’s extensive domain knowledge, make it the ideal technology partner for ICD operators. By employing a judicious blend of technologies, Ramco’s Inland Container Depot performs a number of services for the transport operator and for the shipper or consignee.

With the growing volume of international trade and the increasing need for swift clearance of cargo at port, the concept of Container Freight Stations (CFS) has garnered a lot of importance. To commensurate the exponential growth in containerized cargo movement, more number of Container Freight Stations (CFS) have been established over the last decade.

An important part of the global logistics/supply chain industry, CFS is an extended arm of the port where the cargo is held until the custom clearance formality is completed. Services like stuffing, stripping, aggregation/segregation and temporary storage of import/export goods take place under customs control. Playing such a pivotal role, CFS operators need to modernize their systems, technologies and methods to adhere to global standards.

Ramco’s solution for Container Freight Stations are specifically designed to meet the vast operations and challenges in management and movement of export/import cargo. They help CFS operators facilitate faster movement and to efficiently handle the movement of shipments, containers and trucks.
KEY HIGHLIGHTS

- User-definable Yard Layout
- Tariff Management—generic, customer and commodity specific
- Cargo Auction
- Bonding and De-bonding facility
- Integrated Job Order Issue on finalizing the plan
- Container Repair Management
- Transport Planning
- Stuffing/De-stuffing plan and tally
- Various inquiry modes for yard slot/status stacking situation
- Automatic planning for outbound, inbound cargo, trans-shipment cargo and empty containers with facility to make necessary manual interventions and finalizations
- Forming and maintaining rakes - wagon information
- Integrated billing functionality

BENEFITS

- Instant availability and accessibility of information at all processing desks
- Reduction of processing and documentation time, resulting in simplification of procedures
- Automation of customer-billing, based on movement and activity records associated with each container
- Optimized handling of all types of cargo (bulk, break bulk and container)
- Complete monitoring of equipments
- Dwell time analysis and turn-around time of container/cargo in the yard
- Timeliness and ease of data updates (to indicate container arrival, stacking, movement within the CFS, examination, clearance and departure)
- Efficiently monitor the movement of trucks, containers and shipments
- Improved productivity in rail and yard operations
- Optimization of resources
- Integration with third-party applications
CUSTOMER SPEAK

“The ERP system has enabled access to real-time information, not only to those in the management and to the employees, but also to our partners and customers. We have expanded dramatically using IT. We are able to scale much faster now. For instance, if earlier, 10 people could support a transaction volume of Rs. 3 crore per person, the same 10 can now support twice that transaction volume with the existing infrastructure.”

Mr. Harinath Chakravarthy – CIO – TVS Logistics Limited

We appreciate the good understanding that Ramco has about our NVOCC business at MGR Container Lines. The constraints we had in migrating from our legacy system to Ramco’s IFMS product were overcome smoothly with dedicated team support. The process of networking the system with all our offices is going on smoothly. It is noteworthy to mention that the binding trust with Ramco Systems’ team had been established, thus paving the way for a long and lasting relationship.

G. Ram Prasad – Director – MGR Line
ABOUT RAMCO

Ramco Systems, part of the USD 952 million Ramco Group, is a leading software company focused on consulting, products and managed services. Founded as an R&D division of Ramco Industries Limited in 1992, Ramco Systems established itself as an independent company in 1999. The company focuses on providing innovative business solutions that can be delivered quickly and cost-effectively in complex environments. Globally, Ramco has over 140,000 users from 950+ customer organizations since inception. Over 1,800 personnel are employed within the 16 offices that span the United States, India, Canada, Europe, Middle East, South Africa and the Asia Pacific region.

Ramco’s key differentiator is its innovative approach to develop products through its revolutionary enterprise application assembly and delivery platform - Ramco VirtualWorks®. Ramco Systems has seven major product suites—Ramco Enterprise Suite, Ramco Enterprise Asset Management Suite, Ramco Aviation, Ramco OnDemand ERP (ERP on the Cloud), Ramco Enterprise Information Management Suite, Ramco Advanced Process Control, and Ramco Mine Management. Strong domain knowledge coupled with proven implementation expertise enables Ramco to provide specialized solutions in verticals such as Manufacturing, Real Estate & Construction, Energy & Utilities, Logistics, Service, BFSI, Aviation, Government and Defense. Ramco Systems has been assessed for ISO 9001:2008 and ISO 27001:2005 information security standards. Ramco’s BPO unit is SAS 70 Type II certified.
Ramco Systems provides next generation, end-to-end enterprise solutions that render complete transformation of the business in real time. Built on Ramco’s proprietary platform—Ramco VirtualWorks®, all Ramco products are cloud architected by design and address the entire business cycle from transaction to analytics. Part of the USD 952 mn Ramco Group, the company offers ERP, HCM, SCM, CRM, Financials, Asset Management, Process Control, Project Management and Analytics to 40+ verticals on the most appropriate cloud model—public, private and community. Ramco focuses on providing innovative business solutions that can be delivered quickly and cost-effectively in complex environments. Globally, Ramco has over 150,000+ users from 1000+ customer organizations across 35 countries. The company currently has 16 offices spread across USA, Canada, Europe, India, Middle East, South Africa and APAC and employs over 1,800 employees.

For more information, visit www.ramco.com