



Ramco Logistics

Solutions for organizations on the move
3PL, Transportation, NVOCC & Freight Forwarders



When you need to do more with less, innovation is not an option

“Globalisation characterised by Market expansion, new source of supply, advanced security process, and supply chain redesigned for greater efficiency has become the leading factor for driving business to use Third Party Logistics Services provider”

**- The Logistics Institute
Georgia Institute of Technology**

With Globalisation being the main factor for driving business to its extreme, Logistics Service Providers also need to adapt themselves to the global model which helps them to innovate and be more profitable. Some of the current challenges faced by Logistics Service Providers are:

- Maintenance of high shipments per desk
- Maintenance of high revenue per desk
- Exceeding customer expectation
- Reduce the cost of transportation towards increasing profitability

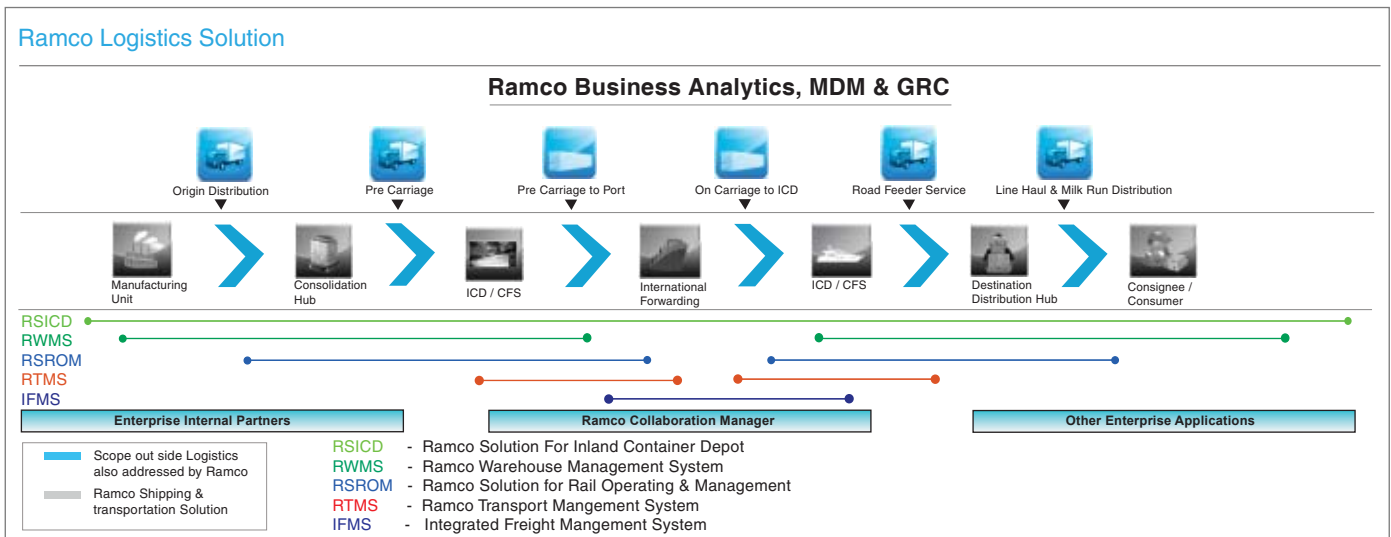
Efficient movement of goods across the supply chain at competitive rates needs innovation on both process and technology. Traditional product offerings fall short of addressing such demands. Technology assets must be united, and resources optimized, in order to provide an enhanced customer experience and greater ROI. Home grown solutions, disintegrated processes, cluttered and manual interventions no longer can provide the competitive advantage.

Emerging technologies need innovative solutions to help translate business requirements into flexible solutions.

Ramco Shipping and Transportation solutions for the logistics industry are targeted at the 3 PL services providers, NVOCC, freight forwarding & consolidation organizations and multi-modal transportation industry. With Ramco solutions you will not be straight-jacketed by a standardized product and faced with matching your business process to the system's limitation. Instead, we work with you to match your business process with our solution to offer a solution that fits like a glove to your needs.

Ready-to-go features

- Pre-built best practices functions that are flexible to adopt your business requirements
- System Integration with equipment applications like Bar Code Reader, Weighing Machine & IVR In-built work flow that facilitates real-time information to all stakeholders through Automated Alerts by e-mail and SMS
- Interface with Electronic data interchange (EDI)
- Online track and trace functionality
- A fully integrated system enabling the completion of automated billing process and receivables management
- Optimization algorithms
- Interface with GPS
- Distribution Resource Planning



Ramco Shipping & Transportation Solutions

Integrated Freight Management System	Third Party Logistics Solutions	Inland Container Yard / CFS
Ocean transport intermediaries, NVOCC & freight forwarders	Transport organizations and 3 PL service providers	Inland container depot / container yard / freight stations
Quotation & Document management	Transport contracts management	Terminal services and gate operations
Booking with carriers	Dynamic network modelling (Box & Arrow concept)	CFS/Warehousing management
LCL/FCL consolidation	Vehicle planning, booking and allocation	Yard planning and operations
Support for AMS/AAMS	Cargo way bill and manifest generation	Container repair management
Track & Trace functionality	Track, trace & cargo routing algorithms	Operations resource management
Export & Import documentation	Warehouse & Inventory Operations	Reefer monitoring and automation
Container load planning	Integrated customer billing functionality	Rail planning and operations
Hazardous goods planning	Support for Kitting, packaging and labelling	Support for commercials and billing needs

Out-of-the box capabilities

Freight Management

- Event management (activity & milestone tracking)
- Tariff management
- Booking and vessel allocation
- Invoice and receipt management

Transportation Planning

- Route optimization
- Integration with GPS tracking devices
- Shipment allocation to trucks based on capacity & location constraints

Transport & Fleet Management

- Delivery management
- Line haul management
- Vehicle utilization
- Truck / Stock visibility
- Contract management

Warehouse & Inventory management

- ATP
- Stock verification function
- Stock movement and maintenance functions
- Global warehouse stock visibility
- Stock transfer across warehouse

Distribution Resource Planning

- DRP engine
- Sales order aggregation for shipment optimization
- Dynamic stock verification

Productivity Tools

- Support for technologies such as bar-coding,
- RFID, electronic signatures
- Interface with GPS for tracking
- Print bar-coded labels
- Integration with wireless / hand held devices
- Workflow process with notification and alerts

Business Collaboration & Analytics

- Streamlines, automates, and integrates core internal and external business processes to **coordinate interactions** with customers, partners, distributors and suppliers
- Supports **EDI transactions** for automated purchase and sale order flow across the supply chain
- Enhances **strong collaborative** commerce by recording, analyzing, and facilitating interaction with internet portals
- **Business dashboards** allow for visual representation of the key performance metrics
- Configurable **key performance indicators** track functions and operations

Ramco Logistics Solution

Repository of components that can be re-used, extended and/or modified

Business Analytics, MDM & GRC							
Customs Clearance	Transport Management	Shipping					
Container Inventory Management	Train Planning Operations	Pick N Pack	Delivery Management	Settlement	Lot & Serial Control		Taxations
Billing, Revenue, Reconciliation Process	Resource Management	Order Processing	Truck / Stock Visibility	Proof of Delivery Management	Stock Transfer	Workforce Management	Banking Operations
Event, Claims and PO Management	Container Repair Management	Inventory Control & Visibility	Line Haul Management	Manifest Assignment	Reorder Level Management	Staffing	Payables
Documentation, EGM, IGM and AMS	Reefer Management	Slotting, Sorting & Put away	Hub Management	Vehicle Scouting	Physical Inventory & Cycle Count	Attendance Management	Receivables
Load Planning, Manifest and FCR	Yard Management	Compliance Inspection	Milk Run Management	Vehicle Utilization Memo	Stock Ledger	Employee Development	Fixed Assets
Cartage, Cargo Receiving and Labeling	CFS Management	Receiving, Cross Docking	FTL / LTL Consolidation	Vehicle Hiring	Storage Management	Planning	Cost Planning & Control
Tariff, Quotes & Bookings	Terminal Service & Gate Ops.	Advance Shipping Notification	Consignor Schedule	Transportation Contract	Item Administration	Compensation & Benefits	General Accounting
Integrated Freight Mgmt System	ICD / CFS Management System	Warehouse Management System	Transport Management System		Inventory	HR & Payroll	Finance

Ramco VirtualWorks™

Driven by Ramco VirtualWorks™ – SOA platform for delivery

Ramco has deployed powerful enterprise solutions and services to manufacturing, supply chain and logistics industries for more than a decade. From point solutions to large scale deployments, Ramco's service-enabled solutions help organizations integrate their supply chain with the logistics service providers.

At the core of these offerings is our highly scalable, flexible VirtualWorks™ platform, which assembles personalized solutions to meet an organization's unique business requirements:

- 1000+ growing component repository of re-usable enterprise-class solutions
- Collaborative online development process
- Solutions that streamline business processes, while adapting very quickly and cost-effectively to continuous change
- Ability to leverage existing IT assets, thus significantly decreasing time-to-business value

- Real-time, actionable business analytics, identifying what needs to be changed, and why
- Web-enabled end-to-end integration, allowing global collaboration on business processes
- Intuitive, easy-to-use systems that integrate quickly and effectively with existing systems

Ramco's solution adapt and scale with our customers business requirements. Based on Service Oriented Architecture (SOA) standards, Ramco logistics solutions are technology agnostic and integration ready with existing or new applications. By re-using existing assets and with faster delivery time frames, Ramco's solution help our customers realize more value for lower investments.

Ramco is a global provider of business consulting, enterprise solutions and outsourcing services that enhance business value through better business processes and agile global-class applications.

Ramco Systems has offices in nine countries and over 450 customers in 1,000 locations worldwide. The company provides solutions to multiple verticals including banking, insurance, manufacturing, supply chain, aviation, transportation and logistics, healthcare, governance, retail and more. Ramco Systems has been certified for ISO 9001:2000 quality standards and assessed for SEI CMMi - SW Level 5. The company is part of the USD 800 million Ramco Group and is publicly held.



Co-create. Innovate. Win.