



Integrated Logistics Solution for NVOCC/Liners

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In the fast-changing global trade landscape, there is always a constant and increasing pressure on Non-Vessel Operation Common Carriers (NVOCC)/Liners to remain competitive while managing worldwide container fleet effectively. There are a lot of constraints to manage this productively with required internal and external collaboration and that too in a single system platform.

NVOCC/Liners plays an important role in the logistics value chain by contracting ocean freight cargo and shipping lines to move shipments from one point to another. It requires a lot of collaboration across all the involved parties e.g. agency, principal, shipping lines, container yards, port terminals, shipper and consignee, etc.

NVOCC/Liners processes can be categorized in pre-operations (quote to booking), operations (execution), and post operations including finance & MIS. Traditionally NVOCC/Liners companies adopted multiple systems to cater to these areas separately. This poses challenges and calls for the adoption of a single unified system to manage the processes and collaboration effectively.

Birlasoft understands the challenges faced by NVOCC/Liners and has built a single integrated solution on Oracle fusion application and platform to manage the end-to-end NVOCC/Liners processes and collaboration effectively.



NVOCC/Liners Operational Coverage

Challenges Faced By NVOCC/Liners

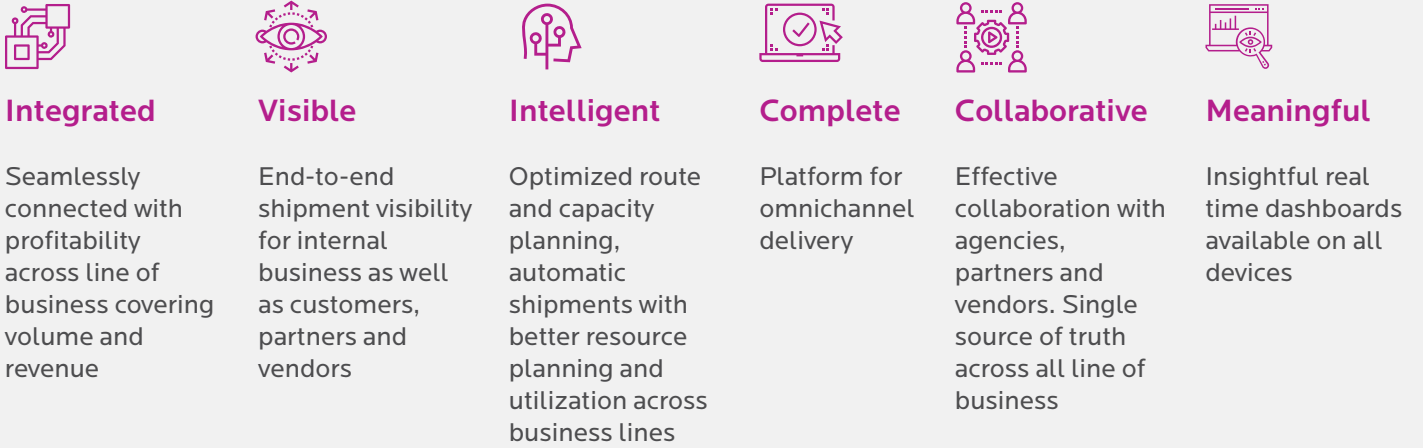
Process Challenges

- Modeling contract and business operations (container NVOCC, lease out, portable warehouses, sale of containers etc.)
- Inventory visibility
- Capturing all cost elements across legs
- Collaborations with depot and vendors, EDI's with port systems
- Capturing actual cost while collaborating with agencies
- Commercial data for shipments, performance and comparison with planned budget (port pair)
- Control over container maintenance and repairs
- Real time balancing of inventory
 - Surplus and deficit
 - Empty container movement based on budget and stock
 - What if else scenario planning
- Financials and MIS

System Challenges

- Collaboration across internal as well as external stakeholders
- One customer experience
- Providing single source of truth for end-to-end operational and financial data
- Support to dynamic and aggressive business plans and models
- Platform for real-time analytics to take corrective and preventive actions
- Integration to latest technologies
- Adapting to newest industry practices like blockchain, artificial intelligence, big data, robotic process automation
- Multiple deployment and patching
- Complex change management

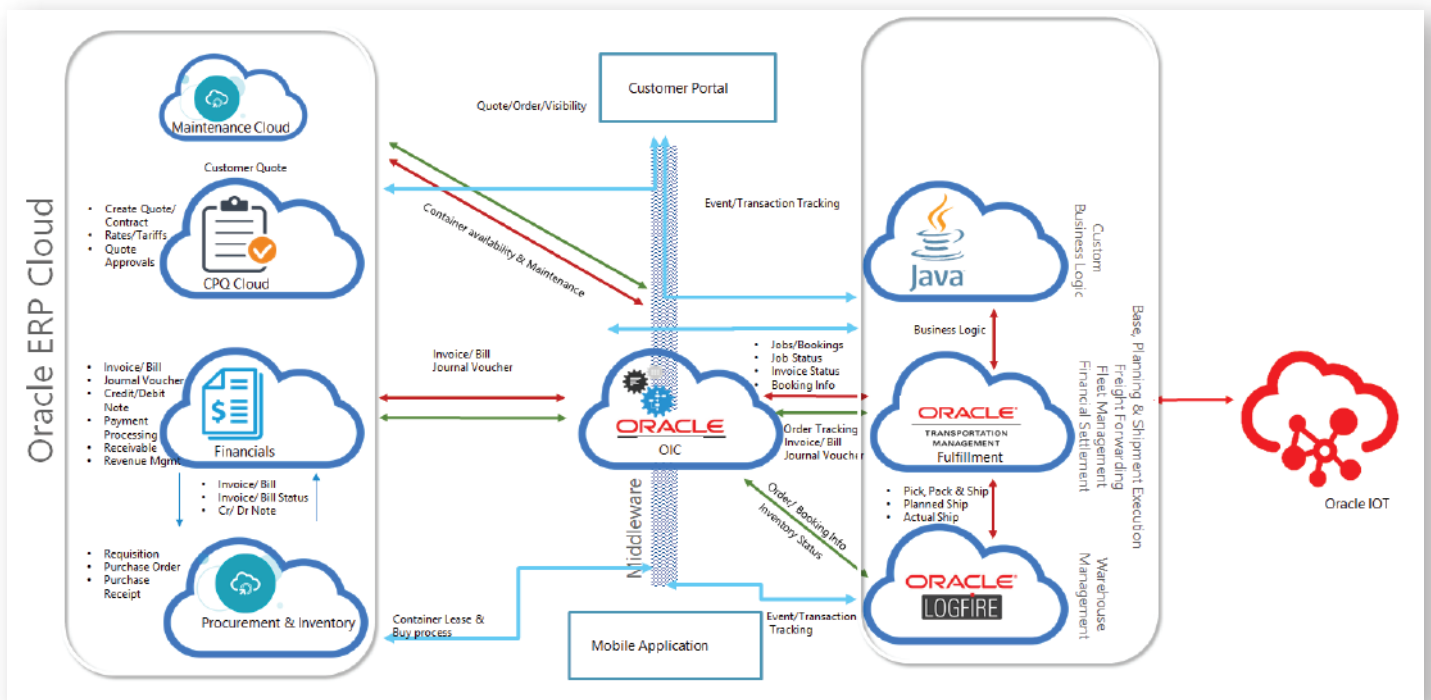
Value Proposition



Solution Components

Birlasoft's integrated solution for NVOCC/Liners is based on best of breed enterprise solutions and in house developed Bolt- On solution on Oracle PaaS

- Oracle Transportation Management Cloud
- Oracle Paas Platform
- Oracle Fusion Purchasing Cloud
- Oracle Fusion Inventory Cloud
- Oracle Fusion Finance Cloud
- Maintenance cloud
- Oracle CPQ Cloud
- Oracle Integration Cloud



Key Features

- Real time visibility and communication with all the entities on the jobs
- Enabling internal as well as external agency operations on one platform for seamless collaboration
- What if scenario planning (budget v/s actual)?
- Capturing all cost elements across legs: Pricing decision through dashboard by different parameter. (Pricing decision dashboard for commercial team)
- Turnaround time as per the vessel movement
- Container maintenance and repairs
- On hire and off hire container management
- Simulation of detention and demurrages

- Managing all export and import documents with validation and checks
- Simulate the trans-shipment scenario by enabling trans-shipment desk dashboard
- Better container inventory visibility after simulating the (on hand, expected quantity, in transit quantity, budgeted quantity) as inventory rebalancing functionality
- Generation of all the required documents and reports e.g. CRN, BL etc.
- Financial accounting and taxation as per individual jobs
- Enabling e-DO (delivery order) functionality considering all exceptions
- Enable port specific EDI's for liner industry e.g. CODECCO, COARRI, EGM, IGM etc.

Solution Dashboards

Container Tracking

Booking Id: C20190730-0001
 Container Number: BEAU3000047
 Container Type: [Empty]
 Activity Code: [Empty]
 Activity Status: [Dropdown]
 Activity Date: [Calendar]

Buttons: Search, Reset, New Events, Create, Edit, Detach

Status	Booking Number	Booking Type	ContainerNo	BookingDate	ContainerType	ActivityCode	ActivityDate	MovementType	PlaceOfDelivery	PlaceOfDelivery
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	ONHI	6/1/2019	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	SNTS	7/10/2019	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	RCVS	7/11/2019	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	ERLO	7/15/2019	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	ERLI	12/27/2018	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	LODF	7/25/2019	LC	PATPARGANJ-...	INPPG
Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	DCHF	7/24/2019	LC	PATPARGANJ-...	INPPG
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Approved	C20190730-0001	LADEN	BEAU3000047	7/30/2019	20GP	SNTC	7/30/2019	LC	PATPARGANJ-...	INPPG

Bill of Lading

Booking Id: BL Number: BI Type: BI Status: Search

Check Status B/L Create

View

BI Number	BookingId	BookingType	BookingDate	BI Status	BI Type	BI Date	Customer	PortOfReceiptCo	PortOfLoadingCo	PortOfDischarge	PlaceOfDel
Create B/L	20190218-0001	Laden	2/5/2019					INMUN	INMUN	AEJEA	AEDXB
Create B/L	20190223-0003	Laden	2/5/2019					INMUN	INMUN	AEJEA	AEDXB
Create B/L	20190223-0004	Laden	2/5/2019					INMUN	INMUN	AEJEA	AEDXB
Create B/L	20190223-0005	Laden	2/5/2019					INMUN	INMUN	AEJEA	AEDXB
MUN/JEA/2019/...	20190223-0006	Laden	2/5/2019	DRAFT	NORMAL	3/14/2019		INMUN	INMUN	AEJEA	AEDXB
MUN/JEA/2019/...	20190223-0006	Laden	2/5/2019	DRAFT	SPLIT	3/14/2019		INMUN	INMUN	AEJEA	AEDXB
MUN/JEA/2019/...	20190223-0006	Laden	2/5/2019	DRAFT	SPLIT	3/14/2019		INMUN	INMUN	AEJEA	AEDXB
MUN/JEA/2019/...	20190223-0006	Laden	2/5/2019	DRAFT	SPLIT	3/14/2019		INMUN	INMUN	AEJEA	AEDXB
MUN/COK/2019...	20190225-0003	Laden	2/5/2019	DRAFT	NORMAL	3/14/2019		INICP	INMUN	INCOK	INPNY

Print B/L

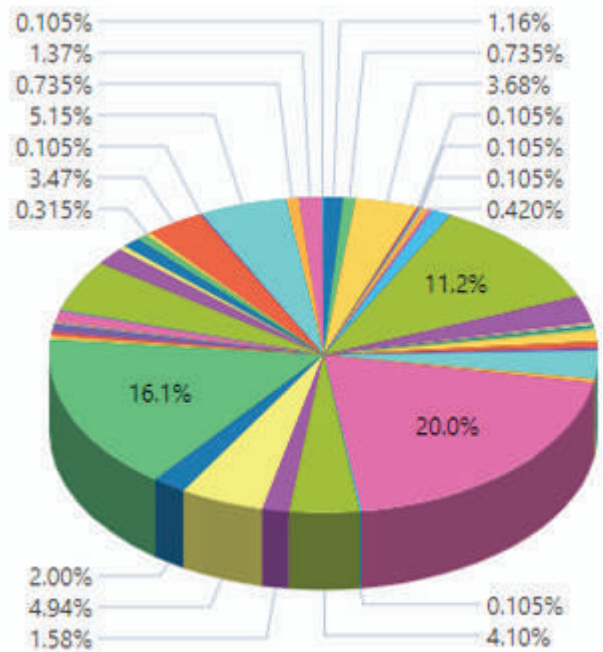
BookingId	BookingDate	BookingType	Business Type	Booking Status
20190223-0004	2/5/2019	Laden	Liner	Dummy
VesselNo	VoyageNo	Etd	Eta	Ata
VESSEL12	VOYAGE	2/20/2019	2/22/2019	2/21/2019

Select B/L Type

B/L Type:

- NORMAL
- NORMAL
- SPLIT
- PART
- MERGE
- SWITCH

No. of Quotes Created Per User



Key Benefits

- End-to-end container visibility increased by **20%**
- Reduce manual work by **30%** using automation and integration
- Minimize empty container movement, increases profitability by **10%**
- Streamline container tracking and inventory management across yard-to-yard movement from source to destination
- Better visibility of vessel schedules considering all port combination
- Better control and compliance against budgets and MIS
- Enable quick trade by managing different types of bill of lading online
- Enhance experience for your customers, partners, vendors and internal business by providing end-to-end shipment visibility
- Improve profitability across line of business covering volume and revenue

Why Birlasoft



Right Partner

- Understands your industry
- Deep Logistics and transportation experience
- Right sized



Right Approach

- Collaborative and flexible approach
- Responsive
- Cost effective delivery model



Right Experience

- History of success
- Deep Oracle experience
- Accelerator toolkit to reduce risk and cost



Right People

- Executive commitment
- Experienced team
- CoE involvement



RESOURCES

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Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion-dollar diversified The CK Birla Group, Birlasoft with its 10,000 engineers, is committed to continuing our 158-year heritage of building sustainable communities.