Infyz

iNauka - Liner Solution

Empowering Global Trade with Modern Shipping Solutions

Liner solutions for Roll-on/Roll-off (RoRo) vessels are designed to optimize and streamline the processes involved in managing these specialized ships.

Overview of AI Technology in the Shipping Industry

- AI technology is revolutionizing the shipping industry by providing advanced solutions for efficient vessel management, cargo handling, and route optimization.
- By integrating AI, shipping companies can enhance decision-making processes and improve overall operational performance.

Enhanced Decision Making

✓ AI technology enables real-time data analysis to make informed decisions.

Operational Optimization

✓ AI aids in optimizing cargo handling and route planning for increased efficiency.

Automation Opportunities

✓ AI provides opportunities for automating routine operational tasks in the shipping industry.

Infyz

Voyage Planning Module:

- The voyage planning module offers comprehensive features such as Vessel Schedules, Cargo Allocation, Route Planning, Vessel Tracking & Monitoring to ensure efficient voyage for RoRo vessels.

Booking Module:

- The booking module simplifies the process of reserving slots for cargo, vehicles, or passengers on RoRo vessels, ensuring swift and hassle-free booking experiences for clients and operators.
- It provides an intuitive interface for managing reservations and optimizing vessel capacity.

Efficient Slot Reservation

- The module allows for quick and convenient slot reservations based on specific cargo or passenger requirements.

Capacity Optimization

- It assists in optimizing vessel capacity by providing real-time slot availability and utilization data.

Bill of Lading Module:

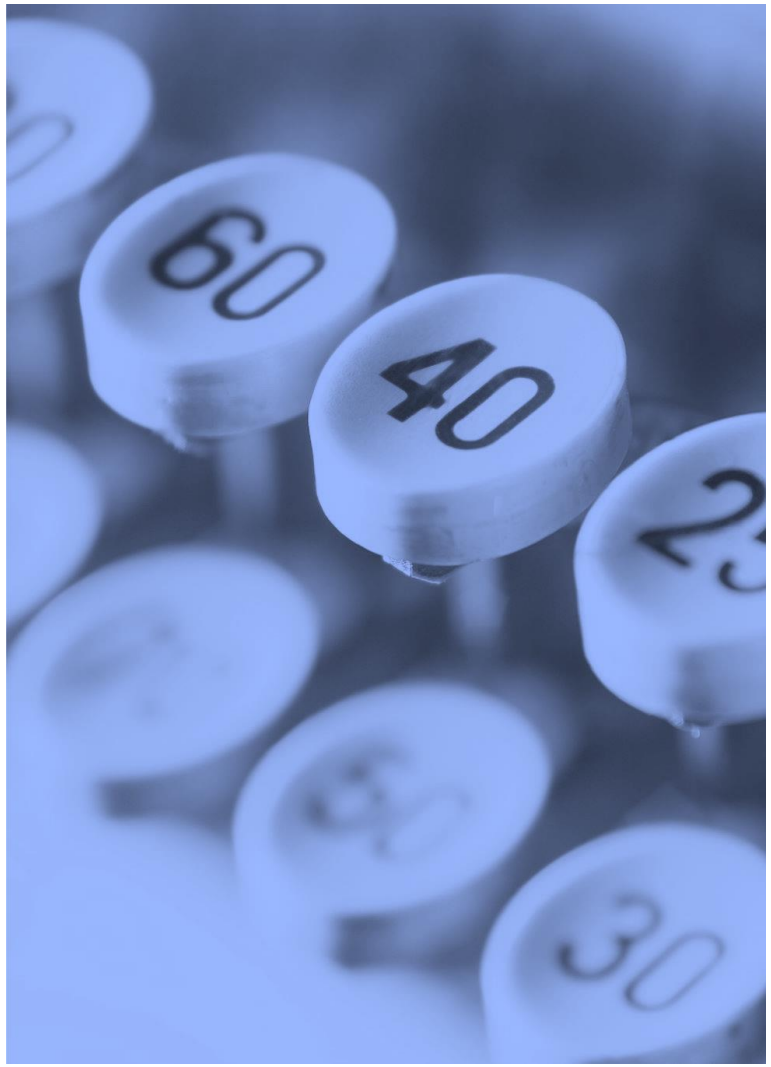
- The bill of lading module simplifies the creation and management of bill of lading documents, providing accurate and standardized documentation processes for cargo shipments on RoRo vessels.
- It ensures transparency, security, and legal compliance in cargo transactions.

➢ **Streamlined Creation Process**

It offers streamlined procedures for generating bill of lading documents with minimal errors and discrepancies.

➢ **Enhanced Security Measures**

It implements secure and encrypted documentation processes to safeguard cargo-related transactions.



Infyz

Voyage Costing Module

- The voyage costing module facilitates to capture actual costs incurred and aids in budgeting for RoRo vessel voyages, enabling operators and stakeholders to make informed decisions based on cost-effectiveness and profitability.
- It provides insights into fuel consumption, maintenance expenses, and operational costs reports to aid comprehensive planning.
- The module offers detailed breakdowns of actual cost for each voyage, aiding in strategic decision-making.

Equipment/Asset Tracking

The liner solution includes advanced asset tracking features to monitor the location, status, and condition of onboard equipment, vehicles, and cargo throughout the voyage, ensuring efficient logistics management and asset utilization.

Real-time tracking enhances security, operational visibility, and risk management.

Real-time Monitoring	Ensures continuous real-time tracking of equipment and cargo throughout the journey.
Condition Alerts	Provides automated alerts for equipment maintenance needs and potential issues during transit.

Infyz

Features:

- ✓ **Multi-Language Support:** iNauka breaks down language barriers in global trade, fostering clear communication and eliminating misunderstandings.
- ✓ **Multi-Currency Capabilities:** Facilitating international transactions, iNauka supports multiple currencies, enhancing flexibility in cross-border trade.
- ✓ **Multiple Document Handling:** Efficiently manages various international trade documents, ensuring compliance and accuracy in every transaction.
- ✓ **Varied Bill of Lading Formats:** Adapts to diverse shipping requirements, providing customizable and efficient solutions for cargo documentation.

Features Continued:

Real-time Visibility:
Provides unparalleled insight into terminal operations for agile decision-making.

Workflow Optimization: Automation and error reduction contribute to smoother operations, faster turnarounds, and heightened customer satisfaction.

Resource Management: Efficient allocation of resources maximizes operational efficiency.

Integration Capabilities: Seamlessly integrates with existing systems, fostering collaboration and ensuring data accuracy.

Data-Driven Decision Making: Sets a new industry standard with a focus on data-driven decision-making.

Competitive Advantage: Improves operational efficiency and reduces costs, giving businesses a competitive edge.

Market Differentiation:
Ports and Terminals using iNauka differentiate themselves with a modern and integrated system.

Cost Efficiency:
Focuses on cost reduction through automation.

Scalability:
Sets a standard for growing businesses.

Security and Compliance Standards:
Provides robust security features and compliance measures.

The Advantages of Using AI-Powered Liner Solutions for RoRo Vessels

Implementing AI-powered liner solutions offers numerous advantages, including operational efficiency, cost savings, enhanced safety, and improved customer experiences for RoRo vessel operators and cargo owners.

By leveraging AI technologies, the shipping industry can achieve significant advancements in RoRo vessel management and logistics.

Blockchain brings unparalleled security and traceability to shipping transactions.

Utilize large vision models for analyzing big data and extracting valuable insights.

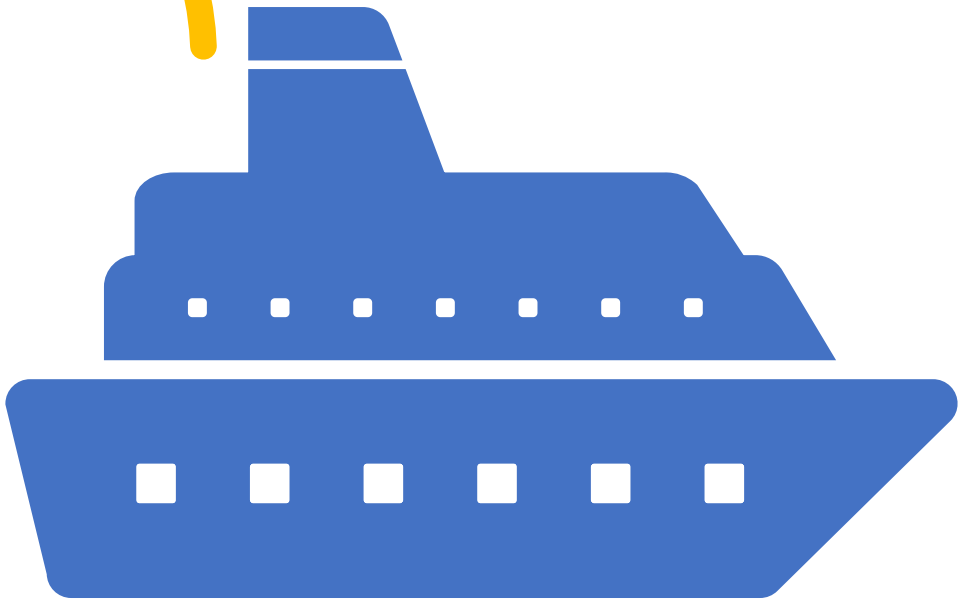
Infyz

Connect With Us!

- Explore your network to Customized Solutions for Your Port and Terminal

- Schedule a Conversation Now!

Visit us @ www.infyz.com



Infyz