



Container Shipping Operations Platform

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General

Shipping companies often struggle with fragmented processes, manual approvals, and inconsistent rules across regions. This layer creates a single operational backbone that standardizes decisions, improves control, and reduces operational risk across the entire organization.



Global KYC Management

Container shipping businesses face high compliance risk and slow customer onboarding due to manual KYC checks.

This module enables fast, compliant onboarding while reducing fraud, regulatory exposure, and operational delays.



Global Tariff Management

Shipping lines frequently lose margin due to inconsistent pricing and lack of visibility into rate changes.

This module ensures pricing consistency, protects margins, and helps commercial teams make profitable pricing decisions with confidence.

- **Central rate library**
(Named Account/Contract/Spot) with lane & commodity rules
- **Surcharges catalog**
(BAF, CAF, ISPS, THC, War Risk, IMO/IMDG, PCS fees)
- **Currency**
- **Validity periods**, versioning & mass update
- **Free-time**, demurrage & detention rule engine (by port/ container type)
- **Margin guardrails** & auto-pricing in quotes/bookings
- **What-if simulation** & profitability preview
- **Approval workflow** for rate changes & exceptions
- **Rate sharing** to agents/partners with visibility controls



Global Agent Network Management

Managing agents across different countries often leads to poor visibility, disputes, and settlement issues. This module creates transparency, accountability, and structured collaboration across the global agent network.

- ▶ Agent master & hierarchy (region/port/service coverage, access control)
- ▶ Onboarding & KYC of agents, compliance docs
- ▶ Collaboration workspace (tasks, file exchange, announcements)
- ▶ Dispute & credit control, settlement & reconciliation
- ▶ Territory rules, capacity sharing & tariff distribution
- ▶ Agent portal with role-based permissions



Global Payment Management

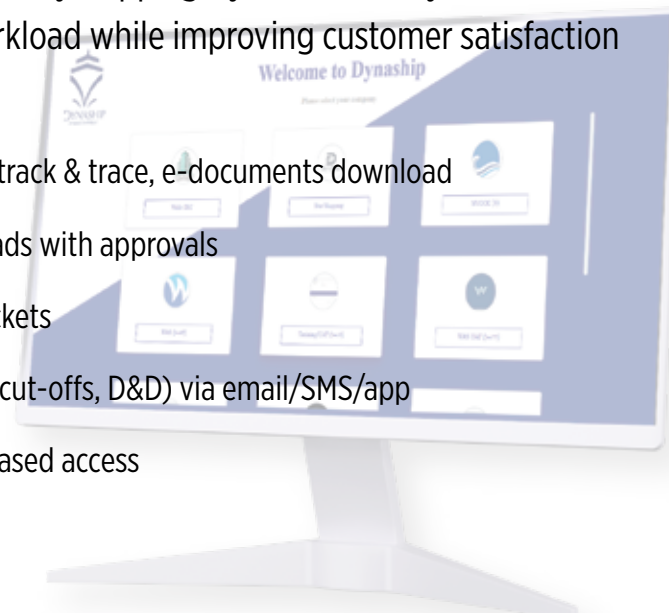
Multi-currency payments and delayed reconciliations create cash flow pressure and financial disputes. This module simplifies global settlements and ensures faster, more accurate financial control.

- ▶ Multi-currency AR/AP, invoices, credit notes & receipts
- ▶ Auto-reconciliation, remittance advice & bank statement import

Customer Engagement Portal

Customers expect real-time visibility and self-service, but many shipping systems still rely on emails and manual follow-ups. This portal reduces operational workload while improving customer satisfaction and service transparency.

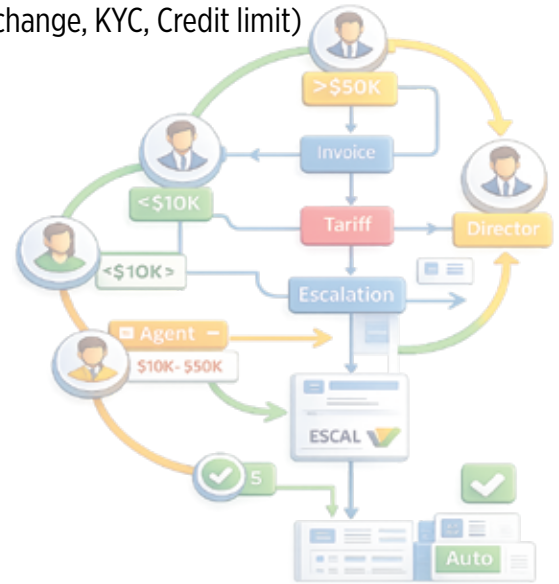
- ▶ Self-service quotes & bookings, track & trace, e-documents download
- ▶ Rate request & negotiation threads with approvals
- ▶ KYC update, claims & support tickets
- ▶ Proactive notifications (eta/etd, cut-offs, D&D) via email/SMS/app
- ▶ White-label, multilingual, role-based access



Approval Workflow Management

Uncontrolled approvals slow down operations and increase commercial and compliance risks. This module enforces governance while keeping decisions fast, traceable, and consistent across the organization.

- Visual workflow designer & templates (SO, BL, Manifest, Invoice, Tariff change, KYC, Credit limit)
- Dynamic approvers (by amount/risk/port/agent), parallel steps & SLAs
- Escalation/auto-approve for low-risk, delegation/OOO
- Full audit log, e-signature, mobile approvals



Agent Collaboration Mobile App

Field operations often depend on delayed or incomplete information from agents. This app enables real-time, reliable data capture from the field, reducing errors and operational blind spots.

Task inbox & push notifications (approvals, pickups, returns)

Document scan & OCR (IDs, EIR, M&R estimates), offline capture

e-KYC capture , geo-tagged proof of presence

Gate in/out photos, damage reporting, POD capture

Expense submission & petty cash, settlements sync





Multileg Shipment

Multi-leg and transshipment operations are difficult to control and often lack cost visibility per leg. This module provides end-to-end visibility, cost transparency, and better control over complex routing scenarios.

- Multimodal routing (pre-carriage, main-leg, on-carriage) with transshipment nodes
- Vessel/voyage & schedule alignment, cut-off validations
- Cost/proration per leg, accruals & profitability by leg
- BL/MBL/HBL mapping across legs, consolidation/deconsolidation
- Milestone events & exception management (EDI/API)
- Container allocation & re-use, reporting



Integration

Disconnected systems prevent shipping companies from having a single source of truth. This layer eliminates data silos and ensures operational, financial, and analytical systems work as one.



ERP Integration (Finance & Accounting)

Manual financial postings cause errors, delays, and reconciliation problems.

This integration ensures operational data flows automatically into finance, improving accuracy and financial trust.

- ▶ Native connectors & mapping packs



- ▶ Master data sync
(customers, vendors, items, dimensions/cost centers)
- ▶ Posting profiles mapping, multi-entity & intercompany
- ▶ Journal posting (revenue, costs, accruals, D&D, DO, THC) with error handling

Local Agency Software Integration Panel

Local systems and port platforms often operate in isolation, creating compliance and data gaps.

This panel connects local operations into a unified global platform without losing local regulatory control.



Connectors to PCS/TOS/Customs & port community services



EDI/JSON/Flat-file adapters, mapping studio & scheduler



Health monitoring, sandbox testing & certification kits



Country-specific compliance packs (manifest/advance filing)



BI Tools Integration

Decision-makers often lack reliable, real-time insights into performance.

This integration turns operational data into actionable intelligence for better strategic and tactical decisions.



Curated semantic model & star schema for Power BI



Prebuilt dashboards: Yield & Margin, D&D KPIs, Equipment Turn-Time, Slot Utilization, Agent Performance, On-Time Delivery, Financial KPIs



Row-level security, incremental refresh & data quality scorecards



Export to Excel & scheduled subscriptions



Logistics

Poor container visibility leads to higher costs, disputes, and inefficient asset usage.

This layer brings full control over container movements, condition, and cost exposure.



Container Inbound Process

Without structured inbound control, containers enter operations with unknown status and hidden risks. This module ensures containers are operationally ready, traceable, and cost-controlled from day one.

- ▶ Put-in-cycle (PIC) activation & stock registration
- ▶ Free-time attribution & contract linkage
- ▶ Damage detection & M&R request creation
- ▶ Depot location/slotting & availability update

• Container Rental – End-to-End

Availability & rate application (duration/route/type)

Quote → contract → deposit → allocation

Pickup order, EIR-out, seal & photos

Usage tracking, D&D metering, reminders

Return, inspection, repair charges & dispute handling

Billing, settlement & closeout

• Container Acquisition – End-to-End

PO, pre-delivery inspection & acceptance

Asset register, ISO/CSC plate data, warranty

PIC, depreciation policy & lifecycle start

Container Outbound Process

Uncontrolled container release and return processes increase operational and financial risk. This module ensures outbound movements are traceable, compliant, and cost-efficient.

- ▶ Release order, booking association
- ▶ EIR-out, gate-out & vessel load confirmation
- ▶ Return/off-hire workflow & penalties



Sales & Marketing

Commercial teams often lose deals or margins due to slow, manual sales processes.

This layer accelerates sales execution while protecting revenue and pricing discipline.



Contract Management (Freight Proforma)

Contracts are often underutilized or inconsistently applied in daily operations.

This module ensures freight proforma terms are enforced, measurable, and consistently applied across bookings and settlements.

- ▶ Named-account & global contract terms, amendments & e-signature
- ▶ Proforma-aligned rates, free-time bundles & surcharge presets
- ▶ Performance vs. contract terms & renewal alerts



Online Freight Proforma Platform

Manual proforma creation slows down approvals and introduces version confusion.

This platform standardizes proforma issuance with controlled changes and traceability.

- ▶ Guided proforma creation using templates & validations
- ▶ Versioning, validity windows & controlled revisions
- ▶ Approval workflows, audit trail & shareable outputs

Online Booking Platform

Fragmented intake creates delays and downstream errors.

This platform centralizes booking intake and ensures operational readiness before confirmation.

- ▶ Omni-channel intake (portal, email parse, EDI/API)
- ▶ Capacity & allocation checks, waitlist & cancellations
- ▶ Cut-off validation, docs checklist, notifications & change history



Slot-Based Quotation Management

Quoting without slot awareness leads to margin leakage and allocation conflicts.
This module produces quotes based on available capacity with guardrails and full traceability.

- ▶ Slot-aware rating with margin guardrails & surcharge logic
- ▶ Validity, version control & auto-expire reminders
- ▶ Approvals for low-margin/exception quotes & one-click convert to booking

Freight Forwarding Project Quotation

Project quotes require structured cost build-ups and exception handling.
This module supports complex forwarding quotations with controlled approvals and measurable profitability.

- ▶ Multi-leg / multi-service costing structure & profitability preview
- ▶ Exceptions, approvals & revision history with audit
- ▶ Convert approved project quote to execution plan / booking workflow



Operation

Operational complexity is one of the biggest challenges in container shipping.

This layer brings structure, predictability, and control to daily shipping operations.



Voyage Management (Shipping Line)

Poor voyage planning results in low utilization and operational delays.

This module improves planning accuracy and helps maximize voyage performance.

- ▶ Pro-forma schedules, capacity planning
- ▶ Port calls, bunker windows & delay management
- ▶ EDI , manifest alignment
- ▶ Yield by voyage & slot allocation control



Slot Renting – End-to-End (NVOCC)

Slot arrangements are difficult to track and often lack financial transparency.

This module ensures slot usage is controlled, profitable, and contract-compliant.

- ▶ Slot contracts, allocation & usage forecasting
- ▶ Cost vs revenue tracking & partner settlement
- ▶ Exception handling (roll-over)



Advanced Container Cycle Management

Manual container tracking leads to costly errors and missed charges.

This module automates container status control and prevents revenue leakage.

- ▶ State machine (empty/laden/PIC/PTI/M&R/Off-hire)
- ▶ Rule-based exceptions & auto-actions
- ▶ Smart massive data import (EDI/Excel/API)
- ▶ Smart demurrage/detention calculator (port/line rules)

Depot Management – End-to-End

Depot operations are often disconnected from central systems.

This module brings real-time visibility and control over yard activities and costs.

- ▶ Yard stock, moves, PTI & cleaning
- ▶ Gate operations (EIR in/out), slotting & release
- ▶ Depot billing & partner API

Freight Forwarding Operation

Forwarding operations involve multiple parties and high coordination effort.

This module simplifies execution while maintaining visibility and control.

- ▶ FCL/LCL, consolidation/deconsolidation, CFS
- ▶ HBL/MBL issuance, customs & delivery legs
- ▶ Vendor bookings, trucking & milestones



Documentation

Documentation errors are a major source of delays, penalties, and customer dissatisfaction.

This layer ensures documents are accurate, compliant, and fully traceable.



Shipping Order (SHO)

Errors at the order stage cascade into costly operational problems.
This module ensures orders are correct and aligned from the start.

- ▶ Guided creation, validations & templates
- ▶ Vessel/voyage, cut-off checks & approvals
- ▶ Auto-populate from booking/contract

Bill of Lading (BL)

BL changes are risky and time-consuming when handled manually.
This module controls the full BL lifecycle with clarity and auditability.

- ▶ Draft/final, telex release & switch BL controls
- ▶ BL numbering, endorsements & e-BL support
- ▶ BL Correction/Amendment: request → fee rules → approval → re-issue with full audit



Manifest

Incorrect manifests expose shipping lines to regulatory penalties.

This module ensures timely, compliant, and accurate manifest submission.

- ▶ Automated generation per port requirements
- ▶ Advance filing (AMS/ACI/ENS) & EDI submissions
- ▶ Exceptions & corrections with audit

Document Change Management – End-to-End

Uncontrolled document changes create operational and financial inconsistencies.

This module ensures changes are assessed, approved, and traceable.

- ▶ Versioning, compare, approval & notifications
- ▶ Impact assessment on charges & compliance



Financial

Many shipping companies lack clear visibility into true profitability.

This layer connects operations to finance and turns activity into reliable financial insight.



Comprehensive ERP Configuration

Poor financial structure limits scalability and transparency.

This module provides a solid financial foundation aligned with global shipping operations.

- ▶ Chart of accounts, dimensions/cost centers, tax & currency
- ▶ Posting groups/profiles & fiscal calendars
- ▶ Multi-entity/intercompany setup

Comprehensive Financial Transaction Configuration

Costs and revenues are often scattered and hard to reconcile.

This module ensures accurate financial allocation and profitability analysis.

- ▶ Revenue/cost types (Freight, THC, DO, D&D, M&R, Storage)
- ▶ Auto-accruals & revenue recognition
- ▶ Cost allocation (by leg/container/agent) & profitability
- ▶ Intercompany & principal-agent settlements



Agent Treasury – End-to-End

Agent-related cash flows are complex and hard to control.

This module brings transparency and discipline to agent settlements.

- ▶ Deposits/advances, petty cash & reimbursements
- ▶ Collections & remittances to principals
- ▶ Bank statement import & reconciliation (MT940/CAMT)
- ▶ Settlement statements & dispute handling

Agent Cost Registration Panel

Uncontrolled agent expenses reduce profitability.

This module enforces cost control while keeping agent operations efficient.

- ▶ Expense capture with attachments & policy checks
- ▶ Multi-step approvals & budget guardrails
- ▶ GL/Dimension mapping & posting to ERP

Online Local Payment Platform

Centralize local collections and automate matching, approvals, and ERP posting with full traceability.

- ▶ Multi-channel collections & receipts
- ▶ Auto-matching to invoices/deposits + reconciliation
- ▶ Fees/FX handling + validated ERP posting



Coming Soon to Our Platform

Advanced Intelligent Solutions

Roadmap 2026

01

Multi-modal pricing by AI

Dynamic pricing models powered by artificial intelligence.

02

Route optimization by AI

Smart logistics routing for maximum efficiency.

03

Container capacity assignment Optimization (for NVOCC)

Optimized container capacity allocation for NVOCCs.

04

Slot assignment optimization (for shipping lines)

Advanced slot optimization for shipping lines.

05

Machine learning for lead generation

Machine learning algorithms for lead generation.

06

Container based Profit and Loss live reporting

Real-time profit and loss reporting per container.

07

Agent performance KPIs calculation

Automated calculation of agent performance metrics.





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