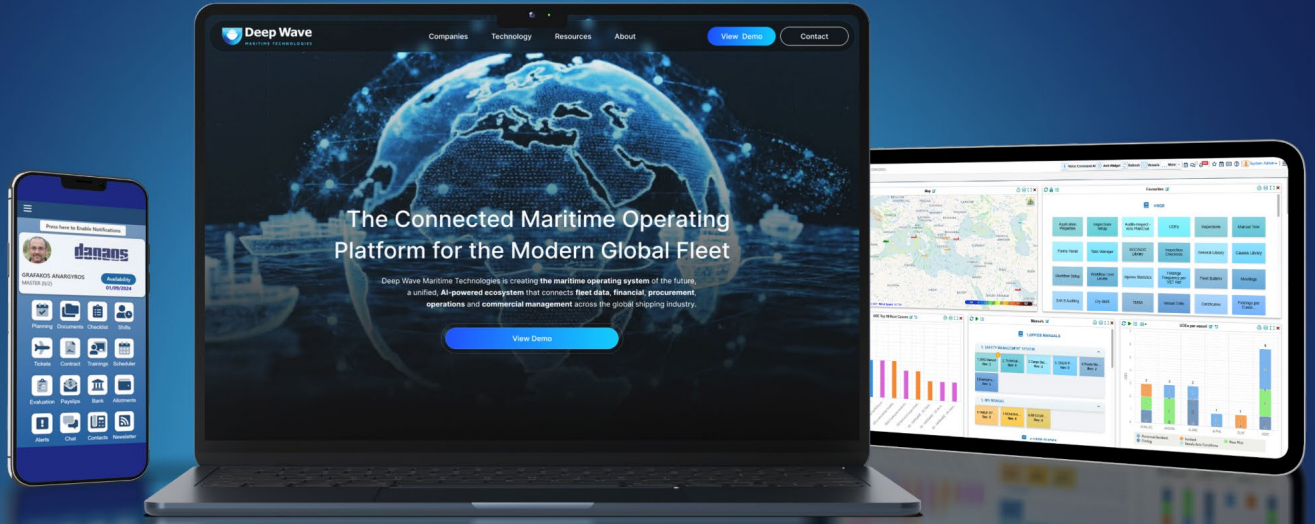




Deep Wave

MARITIME TECHNOLOGIES



The Connected Maritime Operating Platform for the Modern Global Fleet

Deep Wave Maritime Technologies Group is building one of the world's most comprehensive, AI-driven maritime technology ecosystems. By integrating leading operational, procurement, and data platforms, Deep Wave delivers a unified solution that supports the entire vessel lifecycle, from voyage planning and technical management to procurement, invoicing, and cost optimisation.

Maritime Technologies Ecosystem of Global Scale

ONE UNIFIED VISION FOR THE FUTUR OF MARITIME OPERATIONS

Deep Wave Maritime Technologies Group is a strategic ecosystem builder, investing in and integrating maritime operational software, procurement systems, data platforms, workflow tools, and emerging AI solutions. We deliver a single, connected operating environment that supports both day-to-day execution and long-term strategic decision-making. Our goal is to assemble the world's most complete maritime operating environment, a platform is designed to :



Connect operational, financial, and commercial data across fleets and offices



Enable real-time visibility and predictive insight



Reduce operational complexity and cost



Support compliance, security and resilience at global scale

World's most complete maritime operating environment

We continue to invest in companies and technologies that strengthen our ecosystem, including crewing systems, ESG & emissions solutions, port call optimisation tools, inventory & warehouse logistics, document intelligence, connectivity services, cyber/OT security, and more. Our goal is to assemble the world's most complete maritime operating environment, one that:

- Unifies fleet management, procurement, finance, and analytics
- Enhances decision-making through real-time and predictive data models
- Ensures security, resilience, and compliance across global operations
- Embeds AI in every workflow to reduce cost and improve performance
- Delivers a seamless customer experience with world-class support
- Scales across vessel types, operating models, and geographies
- Supports future acquisitions in adjacent maritime infrastructure domains

Our Solutions & Integrated Value Proposition

Enterprise Maritime ERP, Operations & Technical Management

We offer one of the maritime sector's most established and respected enterprise platforms, serving as the backbone of financial, technical, and commercial fleet management. It is the system that coordinates the "heartbeat" of maritime operations across hundreds of shipping

From budgeting and maintenance to crew rotation, communications, voyage planning, emissions reporting, laytime, document management, and AI-driven insights - our solution empowers operators to run safer, more efficient, and more profitable fleets.

Intelligent Fleet Management

BUILT FOR GLOBAL OWNERS AND MANAGERS OPERATING ACROSS DRY, WET, CONTAINER, PASSENGER OFFSHORE AND MIXED FLEETS

Our solution delivers one of the maritime industry's most complete and mature fleet management systems, integrating financial management, commercial operations, technical management, crewing, HSQE, and performance analytics into one unified environment. Built for global owners and managers operating across dry, wet, container, passenger, offshore and mixed fleets, the platform connects office and vessel workflows seamlessly, eliminating data duplication and ensuring that information is entered once and used everywhere.



Fleet Performance & Operations

Monitor, manage, and optimize vessel performance in real time across your entire fleet.



Technical & Maintenance Management

Streamline maintenance, inspections, and asset lifecycle with structured workflows and full visibility.



Compliance, Safety & HSQE

Ensure regulatory compliance and enhance safety through standardized processes and integrated reporting.



Data, Analytics & Decision Support

Transform operational data into actionable insights to drive smarter, faster decision-making.

From budgeting and maintenance to crew rotation, communications, voyage planning, emissions reporting, laytime, document management, and AI-driven insights - Danaos empowers operators to run safer, more efficient, and more profitable fleets.

The Most Trusted Solution in Maritime ERP

A COMPREHENSIVE, ENTERPRISE-GRADE MARITIME OPERATING PLATFORM

Fully Integrated Fleet Management System with the Widest Application Portfolio



Danaos consolidates the entire operating model into a single system, removing legacy silos and delivering a unified operational picture.

Financial Suite Built to GAAP & SOX Standards



Danaos offers deep financial governance, including multi-company accounting, cost control, auditing, and transparency trusted by publicly listed shipping companies.

Industry-Leading Technical Suite (PMS, Crewing, HSQE)



Robust planned maintenance, safety compliance, defect management, and crew planning workflows enable excellence in safety and operational reliability.

Advanced Commercial Suite for Voyage & Emissions Control



Powerful voyage estimation, TCE optimisation, port cost forecasting, laytime, bunkering, and weather routing tools support profitable decision-making.

Fully Integrated Email & Document Management (Info@Gate)



Emails, messages, and documents are embedded directly into operational records for instant retrieval, transparent audit trails, and accessibility across devices.

Cross-Functional Workflows & Single Data Entry



Information entered once is shared automatically across departments, vessels, and fleets. Eliminating administrative burden and errors.

AI-Driven Insights & Natural Language Interaction



Embedded GenAI agents analyse internal and external data to provide explanations, summaries, risk alerts, and recommendations.

Nearly Four Decades of Operational Heritage



Since 1986, Danaos has earned global trust as one of the industry's most established and resilient maritime platforms.

Key Capabilities

OUR SOLUTION AND DIGITISES THE ENTIRE PROCUREMENT LIFECYCLE

Financial Applications

A fully integrated, maritime-focused financial suite designed to manage the entire financial lifecycle within a single platform, covering accounting, budgeting, treasury, payments, and investment control with seamless end-to-end visibility.

Built to support multi-company and multi-currency environments, the system ensures strong governance through compliant financial controls and full auditability. Secure electronic payments are enabled through ISO-standard protocols, ensuring traceable and encrypted transactions.

By connecting finance with operational workflows, it delivers real-time reporting, improved financial control, and data-driven decision-making across the organisation.

Commercial Applications

An integrated suite connecting commercial operations, chartering, and financial performance into a unified environment. It provides real-time visibility across voyages, contracts, and revenues, ensuring better control and alignment between operations and commercial strategy. From voyage estimation to freight management and port cost tracking, the platform enables accurate forecasting and performance monitoring. Built-in tools support decision-making across the full commercial cycle, improving efficiency and profitability.

By bridging operational execution with financial outcomes, it empowers teams to optimise commercial performance across the fleet.

Environmental Monitoring

A comprehensive solution for monitoring and managing vessel emissions, regulatory exposure, and environmental performance across the fleet. Fully integrated with reporting systems, it transforms operational data into accurate, compliant ESG insights.

The platform supports continuous data collection, validation, and reporting for frameworks such as SEEMP, MRV, and EU ETS. It ensures transparency, consistency, and audit readiness across the emissions lifecycle.

By centralising environmental data and automating reporting processes, it enables organisations to meet regulatory requirements while driving more sustainable operations.

Performance Optimization

An advanced voyage optimisation solution enabling crews and operators to plan, simulate, and continuously improve route performance. By combining weather intelligence with vessel-specific models, it supports informed decision-making before, during, and after each voyage.

The platform delivers real-time insights into weather conditions and fuel consumption, using high-quality data and predictive modelling. Machine learning enhances accuracy over time based on historical vessel behaviour. This results in safer navigation, improved fuel efficiency, and measurable performance gains across the fleet.

Crewing

A dedicated crewing management solution designed to streamline crew operations and ensure full lifecycle visibility. It covers crew planning, payroll, compliance, and onboard communication through an integrated platform.

The system supports crew management processes from scheduling to administration, while mobile access enables seamless interaction between shore and vessel. Payroll and MGA functionalities ensure accurate financial handling aligned with maritime regulations.

By centralising crew data and workflows, it enhances operational efficiency, compliance, and crew experience across the organisation.

Technical

An end-to-end technical management platform integrating maintenance, procurement, and dry dock operations into a single environment. It supports asset reliability, cost control, and long-term vessel performance.

The system enables efficient planning and execution of maintenance activities through integrated PMS capabilities, while procurement workflows ensure transparency and control over technical spending. Dry dock management tools support structured project execution.

By connecting technical operations with financial and procurement processes, it improves asset performance, operational efficiency, and lifecycle management.

Key Capabilities

OUR SOLUTION CENTRALISES AND DIGITISES THE ENTIRE PROCUREMENT LIFECYCLE

HSQE

A comprehensive HSQE platform designed to support safety, quality, and compliance across both onboard and shore-based operations. It provides a unified environment for managing risk assessments, inspections, and regulatory processes across the fleet. Through structured workflows and real-time data capture, the system enables consistent monitoring, analysis, and reporting of HSQE activities. Mobile capabilities ensure seamless execution of inspections and audits in the field. By centralising HSQE data and processes, it enhances operational transparency, reduces risk, and drives continuous improvement in safety and compliance performance.

Legal

A dedicated legal and insurance management solution providing full visibility over policies, claims, and risk exposure across the organisation. It enables structured tracking of insurance coverage and seamless handling of claims processes. Integrated with financial and operational systems, the platform ensures alignment between legal, accounting, and compliance functions. This enables accurate reporting, improved control, and better risk management. By centralising legal and insurance data, it supports informed decision-making and strengthens governance across the business.

Human Resources

A fully integrated HR management solution tailored to the needs of maritime organisations. It supports the complete employee lifecycle, from onboarding and administration to training and workforce planning. The platform centralises employee data and HR processes into a single, compliant system, enabling efficient daily operations and strategic workforce management. It ensures consistency, accuracy, and visibility across all HR activities. By connecting HR functions with the broader organisational ecosystem, it enhances efficiency, compliance, and long-term talent management.

End-to-End Employee Lifecycle Management

A structured solution for managing employee and organisational data across the entire lifecycle. It maintains secure, centralised records of personnel information, ensuring accuracy, traceability, and compliance. The platform includes intuitive tools such as organisation charts, enabling HR teams to visualise and manage company structures across entities, departments, and roles. It supports efficient data management and reporting across the organisation. By providing a complete view of the workforce, it enables better planning, improved transparency, and more effective organisational management.

Email & Documents Management

An integrated communication and document management platform designed to transform unstructured business interactions into organised corporate intelligence. It seamlessly connects email workflows with operational and ERP systems. Advanced features such as metadata generation, audit trails, access control, and AI-powered capabilities ensure secure and structured information management. The platform supports real-time collaboration and accessibility across devices. By centralising communication and documentation, it improves traceability, enhances knowledge management, and streamlines business workflows.

Business Analytics Applications

A powerful, self-hosted analytics platform delivering advanced data visualisation and real-time business intelligence across the organisation. It enables users to explore complex datasets and uncover actionable insights. With interactive dashboards and associative data models, the platform connects information across functions, including finance, operations, technical performance, and supply chain. It supports informed, data-driven decision-making at every level. By providing full data visibility and analytical capabilities, it empowers organisations to optimise performance and drive strategic outcomes.

Maritime Procurement, Source-to-Pay and Invoice Intelligence

THE PIONEERING SYSTEM FOR MARITIME

Our solution offers an end-to-end procurement platform engineered specifically for global shipping which cuts average purchasing cycle time by 35%+, enhances supplier selection quality, enables sustainable procurement practices, strengthens compliance, and integrates every stage of maritime procurement, from RFQ to contract, e-Invoicing, freight forwarding, vendor governance, and IHM documentation.

Integrated Maritime Solutions

SHAPING THE NEXT DECADE OF MARITIME DIGITALISATION

Procurement for Buyers



A fully digital procurement environment designed to streamline and optimise the entire purchasing lifecycle for maritime operators. From requisition to order and invoicing, the platform centralises workflows, eliminating manual processes and improving operational efficiency.

Buyers gain access to a global network of vetted suppliers, supported by an intelligent recommendation engine that identifies the most suitable vendors for each RFQ. This enhances competition, improves pricing transparency, and accelerates decision-making.

With automation, real-time data, and seamless integration into existing systems, organisations can reduce procurement cycle times, improve cost control, and ensure full visibility across their purchasing operations.

Procurement for Suppliers



A powerful digital marketplace enabling suppliers and service providers to connect directly with a global network of maritime buyers. Through the platform, suppliers gain access to a continuous flow of RFQs, expanding their commercial reach and unlocking new business opportunities.

The system simplifies quotation processes, allowing suppliers to respond quickly and efficiently with structured, comparable offers. This increases visibility, enhances competitiveness, and improves conversion rates across tenders.

By digitising interactions and providing access to real-time demand, the platform helps suppliers strengthen relationships with buyers, optimise their sales pipeline, and grow their presence within the global maritime ecosystem.

The Pioneering System for Maritime Procurement

A UNIFIED MARITIME PROCUREMENT & SERVICES PLATFORM

Our solution brings together automation, structured data, supplier intelligence, and actionable analytics into a single interface. With ISO 27001 security, AWS cloud hosting, and 24/7/365 support, Procureship is trusted by 100+ owners/managers and 2,600+ vessels worldwide.

Speed & Automation



Generate multi-vessel RFQs in minutes, RFQ routing to 4 suppliers in <2 minutes vs ~16 minutes manually. One-click supplier addition, automatic data parsing, and rapid PO creation.

Supplier Intelligence & Market Visibility



AI-driven recommendation engine identifies best-fit suppliers based on historic performance, pricing, fulfilment reliability, and location. Access to a 10,000-supplier global network for benchmarking and improved commercial leverage.

Decision Quality & BI Insights



Built-in analytics uncover cost savings, outlier pricing, spend categories, maker preferences, and supplier performance trends. Fleet-wide patterns and multi-year archives guide better contracting and standardisation.

Full-Stack Procurement Modules



→ Tenders	→ IHM
→ E-Invoicing (OCR-free)	→ Tender & Contracts Management
→ Freight Forwarding (Group Dispatch)	→ Vendor Management

Key Capabilities

OUR SOLUTION CENTRALISES AND DIGITISES THE ENTIRE PROCUREMENT LIFECYCLE

Purchasing

Optimize and streamline your purchasing operations by eliminating manual processes and increasing supplier competition across every RFQ. The platform centralises requisitions, quotations, and order management into a single digital workflow, improving efficiency and reducing administrative workload.

With access to a global supplier network and intelligent vendor matching, buyers can source more competitively, ensure pricing transparency, and accelerate procurement cycles. This results in better cost control, faster decision-making, and full visibility across purchasing activities.

IHM

Automate the collection and management of Hazardous Materials documentation, including Material Declarations (MDs) and Supplier's Declarations of Conformity (SDoCs), to ensure full regulatory compliance. The platform simplifies the process of gathering, validating, and maintaining IHM data across vessels and suppliers.

By centralising documentation and enabling real-time tracking, it reduces compliance risks and administrative burden while ensuring readiness for inspections and audits. This allows organisations to meet evolving environmental regulations with confidence and efficiency.

E-Invoicing

Accelerate invoice processing with an AI-enabled e-invoicing solution designed to collect, validate, and approve invoices with speed and accuracy. By automating data extraction and verification, the platform significantly reduces manual intervention and processing time.

Integrated with procurement and financial systems, it ensures seamless reconciliation between orders, deliveries, and invoices. This leads to faster approvals, improved financial control, and enhanced visibility across the entire invoicing lifecycle.

Tender & Contracts Management

Gain full visibility and control over supplier agreements, tenders, and contractual commitments through a centralised management platform. It provides a structured overview of contracts, pricing terms, and supplier performance across the organisation.

By digitising tender processes and contract tracking, the platform enables better negotiation, compliance, and spend management. It ensures that procurement decisions are aligned with agreed terms while reducing risks associated with fragmented or outdated contract data.

Freight Forwarding

Streamline logistics and delivery processes by tracking order statuses in real time and identifying the most efficient and cost-effective shipping options. The platform connects procurement with freight forwarding activities, ensuring smooth coordination from supplier to vessel.

By providing visibility over shipment progress and delivery timelines, it enables proactive decision-making and reduces delays. This results in optimised logistics, improved operational efficiency, and reliable delivery performance across the supply chain.

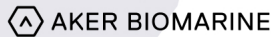
Vendor Management

Enhance supplier performance and compliance through a structured vendor management framework. The platform enables continuous evaluation of suppliers based on predefined criteria, including quality, reliability, and pricing. With centralised supplier data and performance insights, organisations can make more informed sourcing decisions and strengthen supplier relationships. This leads to improved procurement outcomes, reduced risk, and alignment with company standards and strategic objectives.

Partnerships Worldwide

REGISTERED BUYERS INCLUDING

SHIP MANAGERS & SHIP OWNERS LOCATED GLOBALLY



INTEGRATED SUPPLIERS



The Integrated Advantage

AS PART OF THE DEEP WAVE ECOSYSTEM, OUR SOLUTION PLAYS A CENTRAL ROLE IN BUILDING THE NEXT-GENERATION MARITIME OPERATING PLATFORM.

When integrated with our ERP solution:

Procurement demand, technical management, stock consumption, planned maintenance, and financial controls flow seamlessly into RFQs, POs, and invoices. Operators gain real-time operational-to-procurement continuity.

When combined with Group Purchasing solution :

Contracted pricing and negotiated supplier frameworks automatically appear inside daily workflows, ensuring that negotiated savings are captured at point of purchase. Standardisation, compliance, and spend control improve dramatically.

This creates a closed-loop Source-to-Pay environment unmatched in the market: Demand - Sourcing - Procurement - Contract Pricing - e-Invoice - ERP Finance - BI Analytics



10,000+

Suppliers / service providers worldwide



2,600+

Vessels active



50 team members

HQ in Athens. Regional Offices : Denmark & Singapore



Fully integrated with any ERP System



aws

Cloud-based platform hosted in AWS



ISMS

ISO 27001 certified

Group Purchasing, Supplier Governance and Cost Optimisation

COLLECTIVE BUYING POWER

Our solution unites leading ship owners and managers into a coordinated purchasing consortium. By leveraging member-wide volumes and a transparent, data-driven negotiation framework, the Alliance achieves significantly reduced pricing, stronger contractual terms, and improved supplier service levels across the world's most important marine categories: lubricants, paints, stores, provisions, spare parts, and chemicals.



Infrastructure Service Provider



Delivering a robust procurement infrastructure that connects buyers and suppliers across a global maritime network.

Synergies Enabler- OpEx reduction



Unlocking collective purchasing power to reduce operational costs and drive measurable efficiencies across fleets.

Alliance Administrator Consultant



Managing and optimizing alliance operations, ensuring alignment, transparency, and long-term value creation for all stakeholders.

The result is a structured, governed, and technologically enabled procurement model that delivers real savings while protecting and often improving, technical quality, service reliability, and port coverage.

Key Capabilities

LEVERAGING COLLECTIVE SCALE TO REDUCE COSTS AND IMPROVE OPERATIONAL EFFICIENCY

Collective Buying

Oceanic Alliance negotiates strategic supply contracts using member-wide volumes to secure pricing advantages that individual companies cannot achieve alone.

Supplier Optimisation

Oceanic Alliance performs scenario modelling to determine the optimal supplier mix for each fleet based on geography, vessel type, category needs, and trading patterns.

Structured Governance

Alliance governance ensures that contract execution is fair, consistent, and beneficial to both members and suppliers.

Full Contract Lifecycle Management

Oceanic Alliance manages the entire contract lifecycle to ensure that negotiated benefits are fully realised.

Alliance Administration

With more than 15 years of maritime procurement alliance experience, Oceanic Alliance is a highly credible and neutral partner for both members and suppliers.

Powering the Next Generation of Maritime Software with Artificial Intelligence

Leverage advanced AI to optimize operations, enhance decision-making and unlock predictive intelligence across your fleet and procurement ecosystem.

AI Voice Interaction

Voice recording is initiated by the user via the designated voice input button. Recording stops automatically through silence detection and the captured audio is securely transmitted to the AI service via the server. The AI processes the audio input and returns a structured text transcription of the spoken command. The transcribed text is presented to the user for confirmation. The user may approve, reject, or manually correct the text before proceeding. A structured prompt is generated using relevant system libraries (e.g. Inspection Types, Audit Types...etc) to provide contextual understanding. The AI executes the corresponding operation (e.g. creating a new inspection record).

AI Unstructured Data Import

- Automatically processes unstructured external PDF documents
- Currently used to Import (1)RightShip Inspection Checklist and (2)Rightship Inpection Results
- Transforms free-text inspection reports and checklists into structured system records/ libraries Impact : Reduced manual data entry, improved data quality, scalable inspection data processing

AI Semantic Search in Unstructured Data

A key architectural decision is avoiding the use of external Vector Database. Embeddings are stored in the existing Oracle Database and loaded into an in-memory cache to achieve vector-like performance. The AI model (OpenAI GPT-4.1) converts each page of the manual into an embedding (a list of numerical values that represent the page's meaning). Each embedding contains 3,072 dimensions, meaning every page is transformed into a vector of 3,072 numbers. The user query is converted into an embedding using same dimensionality as the stored manual embeddings the query embedding is compared against the in-memory cached embeddings. Relevant manual pages are selected based on semantic similarity scores. Relevant manual content is retrieved, contextually grouped, and used to generate a structured AI prompt, producing a response strictly grounded in the manuals.

Why Deep Wave Wins in the International Maritime Market

True End-to-End Coverage



Other maritime software providers cover slices of the workflow. Deep Wave covers the entire operating model.

Operational + Financial + Procurement Intelligence Combined



No other platform unifies ERP, procurement, invoice intelligence, performance analytics, and group purchasing in one solution.

A Long-Term Ecosystem Investment Strategy



Deep Wave is actively acquiring and integrating software assets that strengthen the ecosystem, building a platform capable of supporting thousands of vessels globally.

AI Embedded Across the Stack



From invoice recognition to predictive performance, anomaly detection, procurement optimisation, forecasting, and routing intelligence.

Category-Leading Security & Governance



A modern, layered approach to cyber protection, data integrity, event logging, and regulatory compliance.

Customer Support Designed for Mission-Critical Operations



Deep Wave provides reliable, continuous support, vital for companies operating assets 24/7 in global waters.



Deep Wave

MARITIME TECHNOLOGIES

Contact us

Deep Wave Maritime Technologies Group is creating the maritime operating system of the future, a unified, AI-powered ecosystem that connects fleet data, financial, procurement, operations, and commercial management across the global shipping industry.

See How The Deep Wave Platform Helps Your Organisation Increase Deliver Exceptional Service

■ deepwavetechnologies.ai

✉ contact@deepwavetechnologies.ai

