



Ocean OS

The Operating System for Modern
Maritime Operations

oceanoshq.com



An Industry Under Pressure

- Maritime and offshore operations are becoming increasingly complex.
- Assets operate globally, teams are distributed between vessel and shore, and compliance requirements continue to grow.
- Legacy systems and disconnected tools struggle to keep up with modern operational demands.



The Real Operational Challenge

- Operational data is fragmented across spreadsheets, emails, and isolated systems.
- Projects, crew, inventory, documents, and reporting are rarely connected.
- This fragmentation leads to delays, rework, limited visibility, and increased operational risk.

Fragmentation → Risk



Introducing Ocean OS

- Ocean OS is a modular operating system designed for modern maritime operations.
- It connects vessels, projects, people, and operational data into one coherent platform.
- Organisations can start with what they need and expand as operations grow.

Modular

Connected data

Phased adoption



Project Management

WHY IT EXISTS

Maritime projects involve vessel time, vendors, tasks, and budgets that must align under changing conditions.

HOW OCEAN OS HELPS

Ocean OS centralises execution by bringing schedules, vendors, tasks, and budgets into one workspace.

OUTCOME

Projects become easier to plan, track, and control with improved cost visibility.

KEY CAPABILITIES

- Vessel time management and scheduling
- Vendor management and coordination
- Interactive Gantt charts
- Task assignment and tracking
- Budget tracking, invoices and reconciliation

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Warehouse Management

WHY IT EXISTS

Equipment availability is critical, yet inventory data is often unreliable or fragmented.

HOW OCEAN OS HELPS

Ocean OS provides real-time inventory visibility across warehouses and vessels.

OUTCOME

Fewer shortages, reduced waste, and improved operational readiness.

KEY CAPABILITIES

- Real-time inventory tracking
- Stock level monitoring
- Automated alerts
- Multi-location management
- Inventory reporting



CRM – Strata

WHY IT EXISTS

Maritime commercial teams operate in a spatial, asset-driven world not supported by generic CRMs.

HOW OCEAN OS HELPS

Strata provides a map-first workspace aligned to vessels, locations, and opportunities.

OUTCOME

Improved commercial clarity and faster, better-informed sales decisions.

KEY CAPABILITIES

- Map first workspace
- Workflow automation
- AI powered insights
- Vessel & Opportunity tracking
- Built for Maritime industry



Crewing

WHY IT EXISTS

Crew rotations, certifications, and availability are complex and time-sensitive.

HOW OCEAN OS HELPS

Ocean OS centralises crew data, assignments, and compliance in one system.

OUTCOME

Better workforce planning, fewer compliance gaps, and reduced disruption.

KEY CAPABILITIES

- Crew assignment management
- Schedule optimisation
- Certification tracking
- Training records
- Availability planning



Audit & Inspection Schedules

WHY IT EXISTS

Audits and inspections are predictable but often stressful due to poor preparation.

HOW OCEAN OS HELPS

Ocean OS structures schedules, checklists, and historical records.

OUTCOME

Improved readiness, fewer missed actions, and stronger compliance performance.

KEY CAPABILITIES

- Automated audit scheduling
- Inspection checklist management
- Compliance tracking and reporting
- Reminder notifications
- Historical audit records



NEW

AI Document Library

WHY IT EXISTS

Critical knowledge is locked inside documents that are hard to search and manage.

HOW OCEAN OS HELPS

AI-powered search and categorisation unlock organisational knowledge.

OUTCOME

Faster access to information and reduced dependency on individuals.

KEY CAPABILITIES

- AI-powered search
- Smart categorisation
- Document versioning
- Automated tagging
- Quick access retrieval



Drawing Management

WHY IT EXISTS

Outdated or incorrect drawings create operational and safety risks.

HOW OCEAN OS HELPS

Controlled storage, versioning, and access to technical drawings.

OUTCOME

Teams work from current information with reduced risk of error.

KEY CAPABILITIES

- Technical drawing storage
- Version control
- Drawing search and filter
- Access permissions
- Revision tracking



ESG

WHY IT EXISTS

ESG reporting requires reliable operational data but is often manual and fragmented.

HOW OCEAN OS HELPS

Integrates emissions and sustainability data directly into operational workflows.

OUTCOME

Reliable ESG reporting with less manual effort.

KEY CAPABILITIES

- DCS and EU MRV compliance
- Carbon footprint tracking
- Environmental metrics
- Social responsibility reporting
- Sustainability analytics



Operational Reporting

WHY IT EXISTS

Reporting depends heavily on individuals and manual compilation.

HOW OCEAN OS HELPS

Standardises daily, monthly, and annual reporting across operations.

OUTCOME

Consistent, repeatable reporting with reduced effort.

KEY CAPABILITIES

- Automated daily reports
- Monthly summaries
- Annual compliance reports
- Custom report builder
- Export to multiple formats



Digital Logbooks

WHY IT EXISTS

Paper-based logbooks are difficult to audit and analyse.

HOW OCEAN OS HELPS

Digital logbooks preserve regulatory integrity while modernising capture and traceability.

OUTCOME

Improved traceability, easier audits, and stronger compliance.

KEY CAPABILITIES

- Digital logbook entries
- Compliance tracking
- Automated reminders
- Historical records
- Regulatory compliance



Why Ocean OS

01 One shared operational data model across all modules

02 Reduced operational friction and better decision-making

03 A platform designed to evolve with maritime operations