

# DEEP MARITIME

digital solution for maritime excellence

## The Reference Platform for the Digital Transformation of Maritime Administrations and Flag State Authorities

DeepMaritime is an integrated platform designed to support the digital transformation of maritime administrations and flag State authorities. Developed by maritime domain experts, it covers all strategic areas of maritime governance, ship registry, seafarers management, flag State compliance, maritime mortgages, user-facing services, and business intelligence, within a single, modern, secure, and scalable platform.

Built in accordance with IMO international standards and maritime administration best practices, DeepMaritime enables flag States and port authorities to improve operational efficiency, enhance service quality for users, and strengthen regulatory compliance.

**SharedSystem**



# Why DeepMaritime ?

## Four Major Challenges

Maritime institutions face increasing demands for performance, compliance, and service.

1



### Unified Platform

All your business processes in one integrated ecosystem

2



### International Compliance

Aligned with IMO conventions and MLC/STCW standards

3



### Full Digitalization

Toward a paperless maritime administration

4



### Security & Traceability

Complete audit trail and protected data

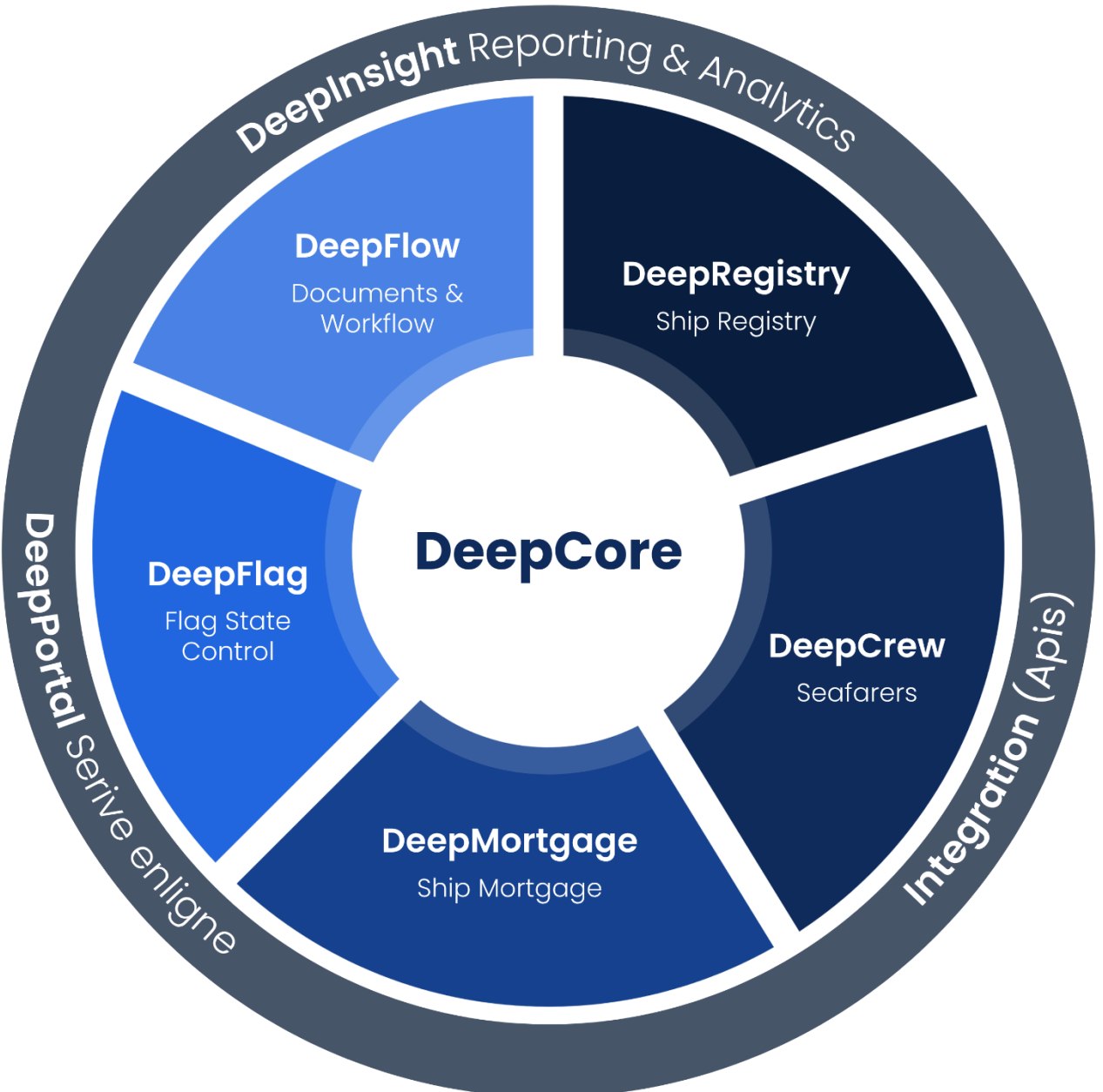






DeepMaritime addresses these challenges within a single platform.

# A strategic platform for maritime nations

**DeepMaritime** is an integrated digital platform dedicated to maritime authorities, national registries, flag administrations, control bodies, maritime agencies, and public institutions wishing to sustainably modernize maritime governance through a secure, scalable, and results-oriented solution.

-  Modernize the national ship registry
-  Digitize seafarer management
-  Automate maritime administrative procedures
-  Strengthen national flag performance



-  Improve maritime safety and regulatory oversight
-  Offer 24/7 online services
-  Centralize reliable data for decision-makers
-  Reduce administrative costs and prepare for international audits

## DeepMaritime Suite

 A secure, scalable, and results-oriented platform.

# The DeepMaritime Suite Modules



## DeepRegistry

Ship Registry,  
Digital, secure, and fully traceable



**DeepRegistry** modernizes ship registry management by providing maritime authorities with a comprehensive digital platform to handle vessel registration, ownership transfers, issuance of official certificates, and all related administrative procedures. Every operation is recorded in an immutable audit trail, ensuring full transparency and regulatory compliance.

- Real-time vessel registration and management
- Issuance and renewal of official certificates
- Tracking of ownership changes and flag transfers
- Digital archiving and complete operational traceability



## DeepCrew

Seafarers Management, A complete 360°  
view across the entire maritime career



**DeepCrew** centralizes all aspects of seafarer management on a single platform: from initial registration and STCW certification to seaman books, sea service records, embarkation and disembarkation, medical fitness, and MLC compliance. A comprehensive solution for rigorous and efficient maritime human resources governance.

- Seafarer registration and complete profile management
- STCW certification and digital seaman book
- Embarkation, disembarkation, and sea service tracking
- MLC compliance and medical fitness management



Prepare for the IMSAS audit (2027–2036) conducted by the IMO. By ensuring reliable data centralization, and immediate access to regulatory records.

# The DeepMaritime Suite Modules



## DeepFlag

Flag State Compliance,  
Stay in command of your IMO obligations

**DeepFlag** supports flag State authorities in managing their fleet's compliance with IMO international conventions. The solution covers statutory certificate management, regulatory survey planning, HSSC cycle monitoring, deficiency tracking, and corrective action management, providing a consolidated, real-time view of every vessel's compliance status.

- Statutory certificate management and validity tracking
- Survey and inspection planning and monitoring
- HSSC cycle and IMO compliance management
- Deficiency tracking and corrective action workflows



## DeepMortgage

Maritime Mortgages, Secure the rights  
and encumbrances on vessels

**DeepMortgage** is the dedicated solution for maritime security interest management. It enables the registration and tracking of maritime mortgages, ship encumbrances, liens and administrative oppositions, mortgage releases and deletions, as well as the full history of creditors and mortgage rankings. Fully integrated with the ship registry, it ensures legal data integrity and consistency.

- Registration and management of maritime mortgages
- Tracking of encumbrances, liens, and administrative oppositions
- Management of releases, deletions, and mortgage rankings
- Native integration with DeepRegistry

# The DeepMaritime Suite Modules



## DeepPortal

Online Services, Maritime administration  
at your fingertips

**DeepPortal** is the digital access gateway for all stakeholders: shipowners, operators, maritime agents, seafarers, and institutional partners. It provides a secure space for electronic submission of applications, real-time case tracking, online approvals, and paperless interactions with the maritime administration, delivering a modern user experience in support of a fully digital maritime authority.

- Secure, profile-based access for all user types
- Electronic submission of applications and documents
- Real-time tracking of application status
- Paperless interactions with the maritime administration



## DeepCore

Interoperability & Master Data,  
The backbone of the DeepMaritime ecosystem

**DeepCore** is the technological heart of the platform. It ensures data consistency across all modules, manages shared master data, access rights, system configuration, and third-party integrations. **DeepCore** guarantees the reliability, security, and scalability of the entire DeepMaritime ecosystem.

- Centralized master data and data harmonization
- User rights and security management
- Integration with third-party systems and databases
- Advanced configuration and platform administration

# The DeepMaritime Suite Modules



## DeepFlow

Workflows & Document Management, Powering the paperless maritime administration

**DeepFlow** orchestrates maritime administration business processes through a powerful and configurable workflow engine. It manages approval circuits, digital documents and their versioning, automated notifications, and cross-department workflows.

**DeepFlow** is the engine driving digital transformation toward a fully paperless maritime authority.

- Business process modeling and automation
- Digital document management with versioning
- Multi-level approval circuits and notifications
- Cross-department workflows and full traceability



## DeepInsight

Business Intelligence, Run your administration on data

**DeepInsight** transforms maritime administration operational data into strategic assets. Dynamic dashboards, key performance indicators, compliance monitoring, and fleet trend analysis, the solution gives management and decision-makers a clear, up-to-date picture to guide their decisions and anticipate regulatory challenges.

- Real-time operational and strategic dashboards
- Customizable key performance indicators (KPIs)
- Fleet performance and compliance analytics
- Automated reports and strategic decision support

# Technical Foundations, Integrations & Institutional Trust



## Integrations & Interfacing

- API interfaces for integration
- Port systems
- Customs
- Electronic payment
- Government ERPs
- International platforms



## Technical Foundations

- Sovereign hosting (On-Premise or Cloud)
- Scalable modular architecture
- API interfaces for integration
- High availability
- Multilingual
- Multi-agency deployment
- Web and mobile access



## Security & Trust

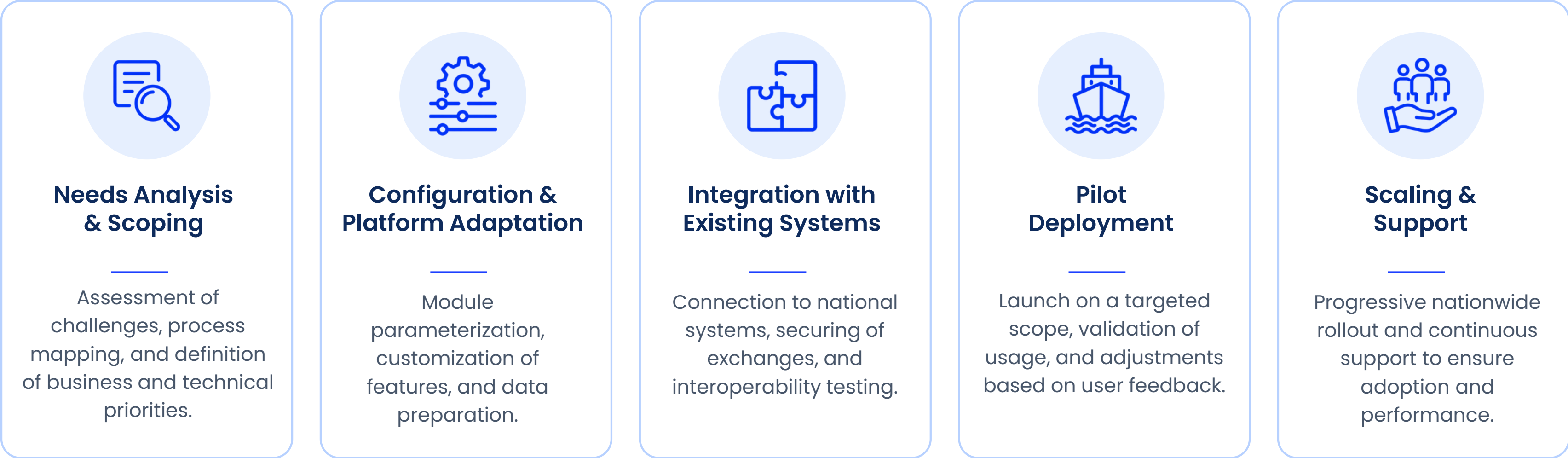
- Identity and access management (IAM)
- Role separation
- Encryption of exchanges
- Data protection
- Tamper-proof logs
- Backup and disaster recovery
- Full traceability



**IMO & IMSAS Preparation:** IMO & IMSAS Preparation: Regulatory reporting, complete history, and tracking of corrective actions.

# Implementation Approach

DeepMaritime is deployed according to a progressive, controlled approach adapted to the priorities of each maritime administration.



a progressive transformation, controlled risk, and sustainable adoption.

# Contact & Information

To learn more about **DeepMaritime**, please contact our team:



## Phone

(+212) 522 58 4041



## Email address

[contact@sharedsystem.com](mailto:contact@sharedsystem.com)



## Website

[www.deepmartime.net](http://www.deepmartime.net)