



COMPREHENSIVE

# **CRUISE & MARITIME**

DIGITAL SOLUTIONS





## Comprehensive Cruise and Maritime Digital Solutions Leading the Global Market

MariApps, Rescompany Systems, and Onboard Software leverage their global reach, skilled professionals, and combined expertise to develop and implement digital solutions. This competitive advantage positions cruisePAL as a valuable offering in the market, providing significant value to clients seeking innovative digital cruise solutions. cruisePAL represents a significant advancement in digital cruise solutions, offering a comprehensive suite of software tailored to meet the evolving needs of operators and passengers alike. Its integration of modules from industry-leading companies underscores its potential to drive efficiency and innovation in cruise operations.

# GLOBAL PRESENCE

- GERMANY
- SINGAPORE
- INDIA
- CYPRUS
- JAPAN
- USA
- SAUDI ARABIA
- FRANCE
- UNITED KINGDOM
- POLAND
- AUSTRALIA
- AUSTRIA





### Sales & Hotel Management

- SMS/POS
- CRS
- CRM
- Fleet Management
- Inventory
- eConcierge
- BI
- WebApps
- API

### Crew Management

- Crewing
- New Applicant
- HR & Payroll
- SeaRoster
- Ticketing

### Port & Itinerary

- Itinerary Planner

### Hotel Maintenance & Guest Engagement

- IssuTrax
- IssuTrax HQ
- xCreate
- xMobile
- xInspector
- xButler
- CyberCafe @Sea
- Guest History
- IssuTrax API
- IssuTrax IVR

### Marine Management

- Accounts
- Insurance
- Procurement
- eConnect
- HSEQ
- QDMS
- Certification
- Maintenance
- eRBooks
- eLogs
- Financial Reporting
- smartOps
- LiveFleet



# COMPREHENSIVE CRUISE AND MARITIME DIGITAL SOLUTIONS LEADING THE GLOBAL MARKET

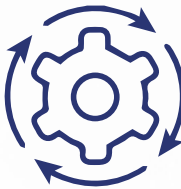
 **13+**  
Locations

 **20+**  
Years Experience

 **1200+**  
Resources

 **150+**  
Clients

 **3500+**  
Vessel Implementation



## Unified Operational Platform:

Offers a cohesive platform for crew office operations, with cloud-based document access and paperless onboarding.



## Integrated Payroll and Financial Management:

Seamlessly integrates payroll systems and financial management across modules for streamlined operations.



## Technology-Driven Efficiency:

Leverages automated processes and real-time analytics for a tech-forward operational framework, setting a new industry benchmark for efficiency and customer satisfaction.





# SALES & HOTEL MANAGEMENT



## Advanced Itinerary Planning:

Expedite vessel deployment and itinerary planning with our groundbreaking Itinerary Planning tool. Make informed decisions well in advance based on a multitude of factors related to the ship, ports, sea-routes and fuel.



## Customer Relationship Revolution:

Transform customer relations with our innovative CRM and loyalty program. Enhance customer retention and satisfaction while providing a comprehensive 360° view of passengers, both onshore and aboard the ship



## Revenue Optimization:

Sophisticated yield and revenue management tools, complemented by advanced reporting and analytics for profitability.



## Streamlined Reservation and Operational Management:

Benefit from a comprehensive reservation system that simplifies booking processes and optimizes operational flow.



## Crew Efficiency Enhancement:

Elevate onboard crew flexibility, mobility, and performance with our cutting-edge mobile applications. Streamline check-ins, mustering, and other operational procedures to eliminate long queues



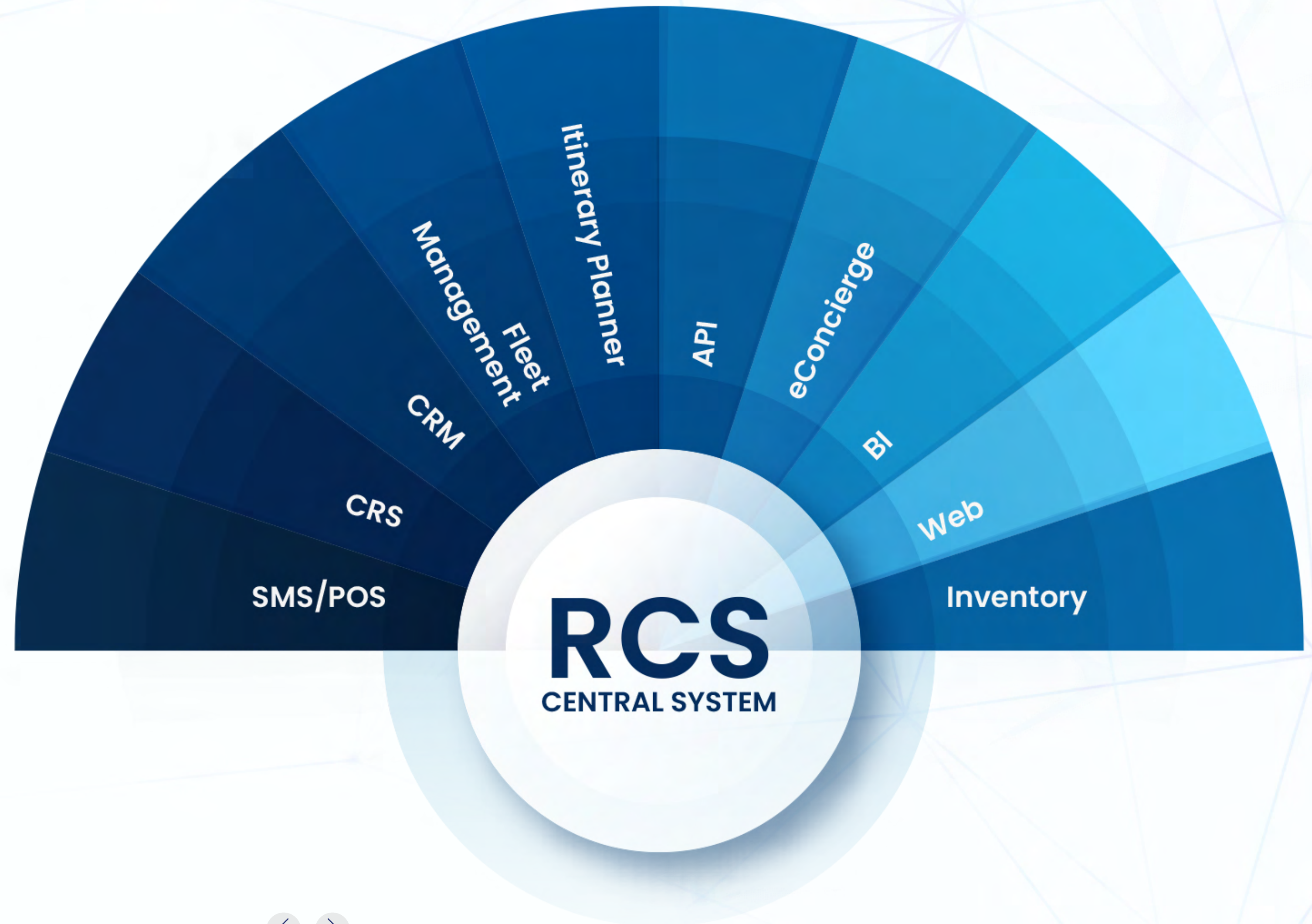
## Fleet Management Excellence:

Seamlessly manage and analyze your vessel operations from shore, ensuring unparalleled consistency and fleetwide control.



# SALES & HOTEL MANAGEMENT SOFTWARE SUITE

Offering an accurate 360° passenger view of the shore-to-ship and back







Enables planning department of a cruise line to plan cruise itineraries in advance based on various factors related to the ship, ports, sea routes, and fuel. Manage itineraries of a ship for an entire season from a single dashboard!



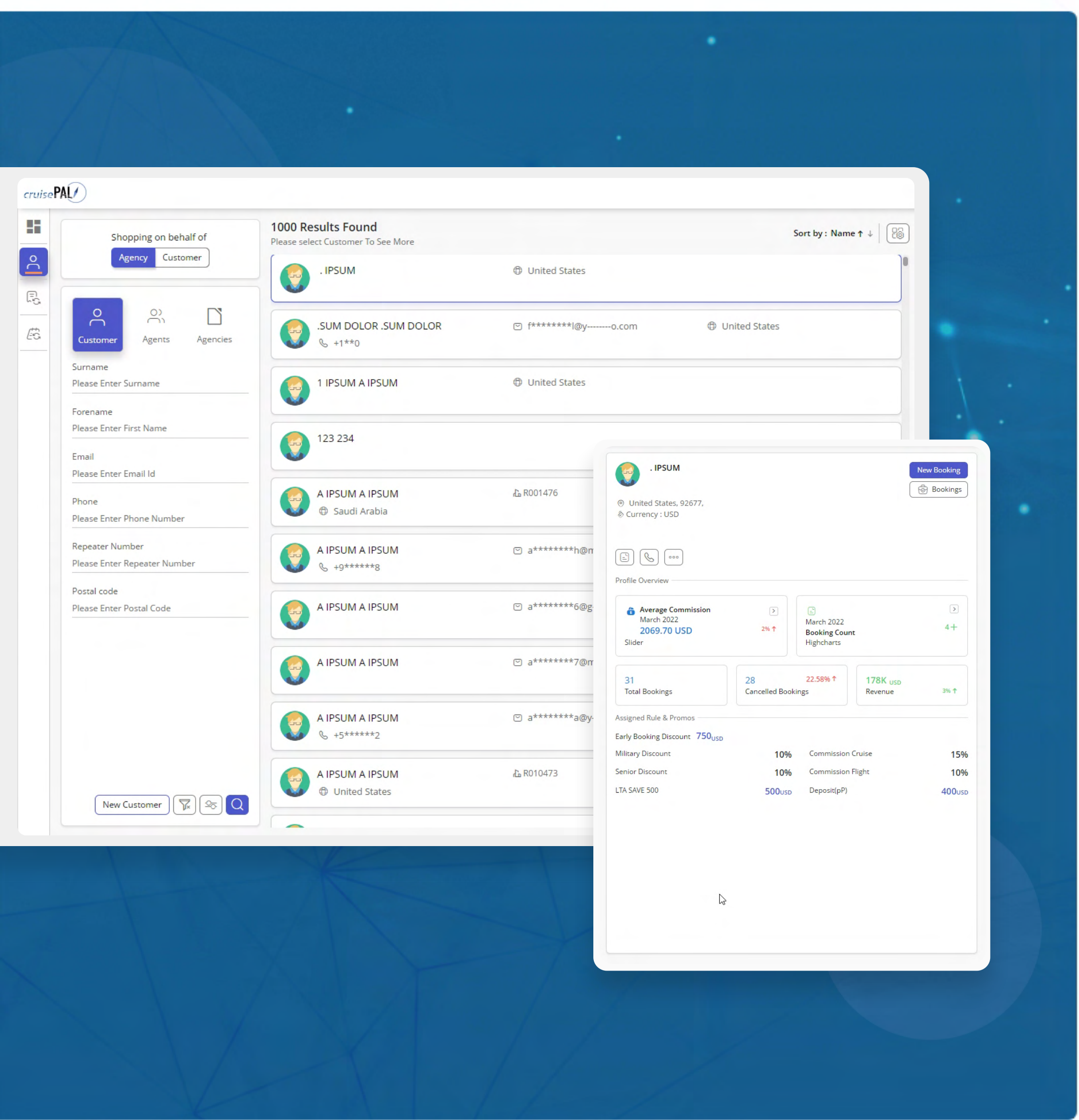
Cloud platform for port agents to cooperate easily with cruise lines such as manage service contracts, berth reservations requests, respond to RFI & RFQ, track service/purchase orders, and issue invoices.

## Select most appropriate sea-routes between ports:

- Possible Sea Routes
- Fuel Consumption & Cost planning/prediction
- Distance between ports
- ETA at the destination port
- Canals & Straits involved
- Special Zones (such as ECA, HRA) involved
- Fuel Types those must be used for navigation

## Effectively manage port status and agent collaboration:

- Raise & track berth reservation requests with port agencies
- Raise & track port cost-info requests with port agencies



**cruisePAL CRS** can handle complex booking environments of packaged, dynamic, group, allotments and tour reservations. Pricing and yield management are supported by easy-to-define rules. Rules also control the payment schedule, cancellations, invoice generation, commission calculations and agency access restrictions

## CRS/Web Modules

- Call Centre Res System (CRS)
- Yield Management and Rules System
- Web based Guest/Manifest Portal
- Web based Brochure Request
- Online Web Booking - Agencies
- Online Web Booking - Direct
- API
- Reporting
- Business Intelligence and AI
- Batch Merge
- Multi-Currency
- Database Query Engine

Track and organize guest information for passengers, prospective passengers, and agents to improve customer communication as well as lead handling

**Loyalty/Reward program**

Advanced rule-based loyalty system - Calculate reward points based on configured rules based on brochures, newsletters, bookings, onboard revenue, and communication behaviour

**Campaign handling Customer communication Mass mailing**

Enables marketing departments to carry out working segmentation across millions of prospects, customers, and agencies utilising detailed historical data Survey and Questionnaire functionality

**Customer Note and Workflow Module**

Allows building of efficient business processes specifically related to daily operations. Manage your business processes, set reminders, and improve business workflow.(e.g. complaint handling)

**Visitor Handling**

Book daily visits to the vessels (for promotional aspects for prospect customers and agents, manage parties and events.

**Sophisticated data merge**

Merge data with advanced algorithms. The customer decides which data fields should be used for comparison and at which percentage data should be merged

**Resco System Care Scheduler**

The automation functionalities allow one-off, multiple, data-driven activities processed routinely and automatically

CruisePAL SMS/POS covers pre-arrival ship operations, including guest card pre-encoding, reservation administration, and passenger manifest management. Modules for everyday hotel operations and cruise closedown are easily accessible through a single menu.

## ***cruisePAL SMS includes :***

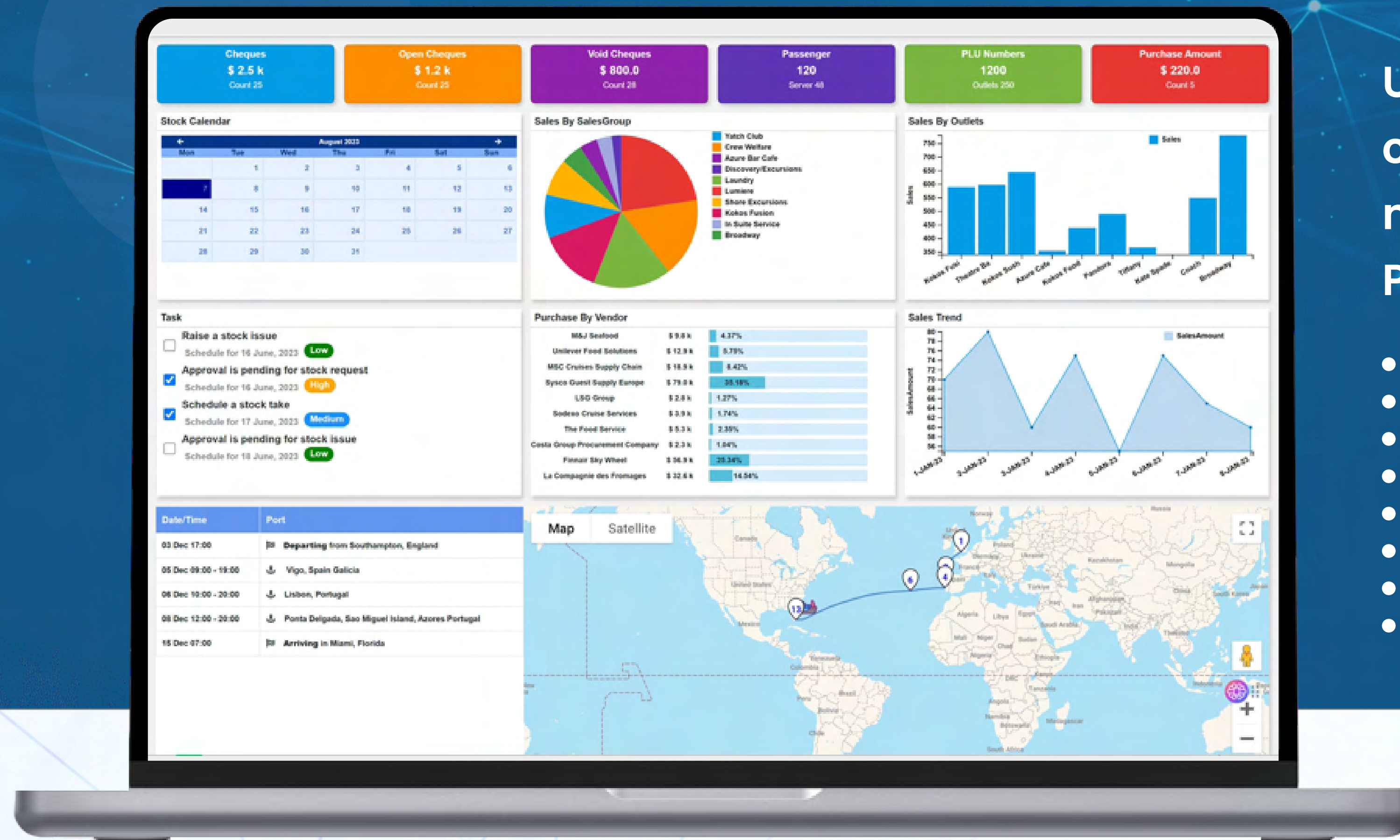
- completely overhauled user-friendly interface
- latest technology advances and architecturally sound configurable dashboards.
- Functions are added and refined based on user feedback.
- System data can be exchanged with external systems (e.g. GL, Payment Systems, Door Lock)
- Oversee and evaluate all ship side operations from shore.

## ***cruisePAL POS includes :***

- unlimited price lists with automated activation.
- automated activation of special pricing, such as happy hour, package pricing, promotions,
- ensuring seamless transitions and better customer satisfaction.
- allergen & nutritional value tracking, important to health-conscious customers and those with dietary restrictions.
- real-time stock control with low availability alerts helps users to stay informed and do not run out of popular items.
- multi-language recipe names. It also allows to easily customize and group menu items, offering a diverse and adaptable menu to suit any customer preference.



# SMS/POS CORE MODULES



User-friendly, efficient, and cost-effective onboard property management and fully integrated POS system

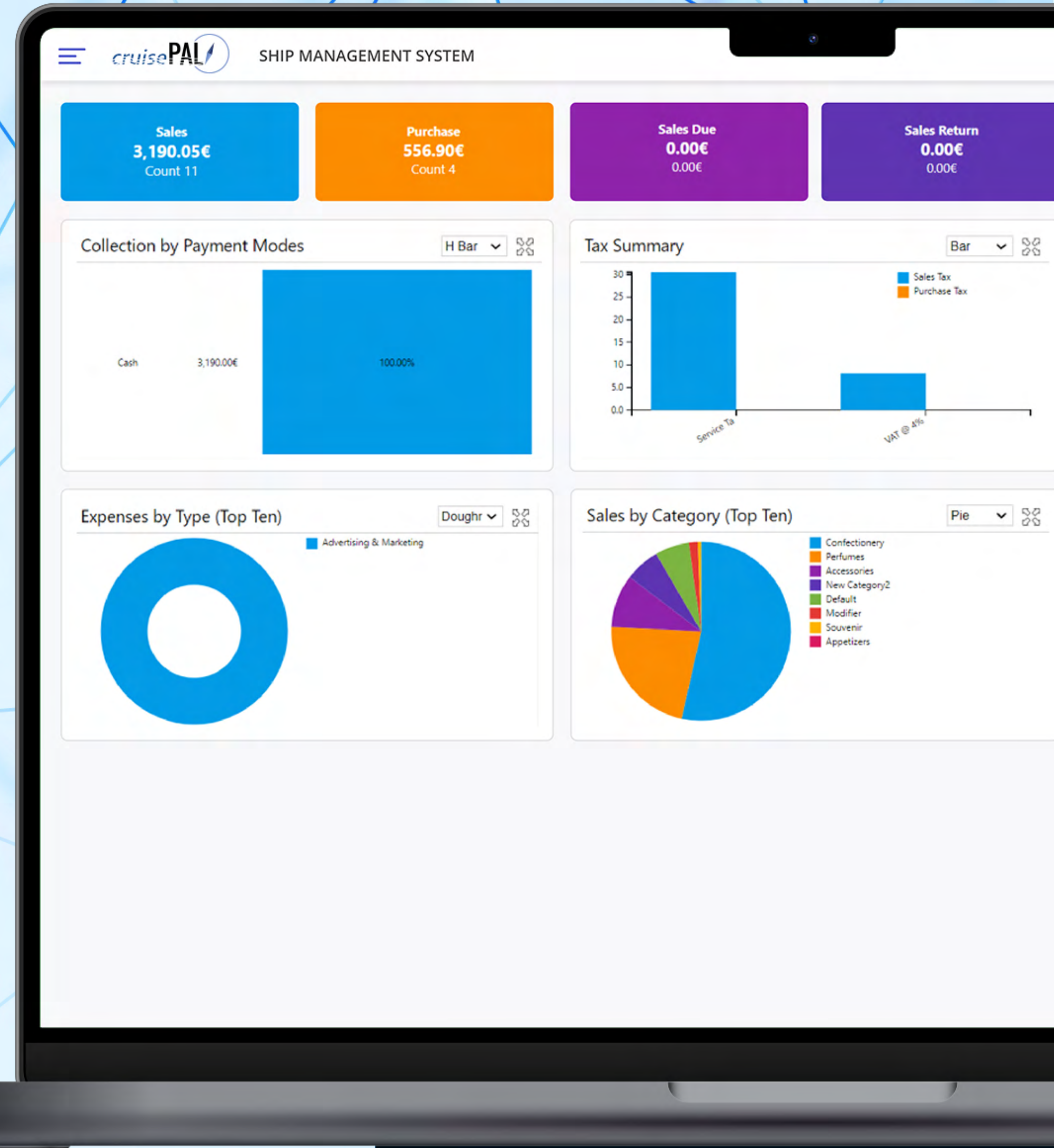
- Point of Sales/POS (incl. Mobile POS)
- POS Management
- Front Office
- Back Office
- Excursion Sales
- Gangway Security
- Cashbook
- Reservation Import

# OPTIONAL SHIPBOARD MODULES

- Reservation Import (Customization)
- Safety Management
- Advanced Hotel Inventory / SupplyChain
- Food Order
- Currency Exchange
- Cabin Allocation
- Mustering Passenger & Crew
- Visitor Handling
- Hotel Maintenance / AVO System
- Advanced Voucher Handling
- Spa
- Table Reservation
- Immigration Interface (eNOAD, CARICOM etc.)
- API



# INVENTORY





**A cross-platform, cross-role tool added to the PMS software suite to aid crew members' daily tasks, by improving both their mobility and performance**

- Mobile Check-In
- Mobile AVO
- Mobile Housekeeping
- Mobile POS & Food Order
- Mobile FrontOffice
- Mobile Mustering
- Mobile Inventory
- Mobile Gangway
- Mobile Excursions
- Mobile Excursion Sales/Ticketless Excursion
- Mobile Thermal Monitoring
- Mobile Spa/Table Reservation
- Mobile Time & Attendance



# CENTRAL FLEET MANAGEMENT SYSTEM

- This concept allows Corporate offices centralized fleet management with on board and shore side data synced
- Microsoft's synchronization methodology centralizes fleet management of advanced data exchange between onboard and shore side
- Data entry, distribution of PLU groups / items as well as consolidated reporting
- Shoreside operations can actively influence performance on board from the office (i.e creating ad-hoc promotions)
- Due to the centralised loading, items are set up consistently on all ships and eliminates issues due to incorrect set up by users onboard



# HOTEL MAINTENANCE & GUEST ENGAGEMENT MANAGEMENT



## Advanced Guest Services:

The *cruisePAL* IssuTrax system revolutionizes guest interaction and issue resolution, significantly elevating customer satisfaction.



## Efficient Maintenance and Workflow Automation:

Streamlines cabin and public area repairs, enhances productivity, and offers real-time operational oversight.



## Safety and Maintenance Integration

Links maintenance management and safety protocols for a comprehensive safety overview and efficient incident management.

# HOTEL MAINTENANCE & GUEST ENGAGEMENT

**Overview**  
Open Issues: 3172 | New Today: 0 | Completed Today: 0

**Cabin # 10126**  
Open Issues: 32  
Closed Issues: 0  
Compensations: 2  
Deck - Transverse - Section - FZ  
Deck 10 - SB - AFT - FZ2

**Guest Profile: Steve Black**  
Booking ID: 965158 | Loyalty Tier: Platinum  
Embarkation Date: 15-Apr-22 | Disembarkation Date: 15-May-23  
Date Of Birth: 29-May-90 | Nationality: GB

**Total All Open And Recently Closed Issues For Passengers in Cabin 10126:32**  
Start date: 19-Apr-22 End date: 05-Jan-23

| Issue# | Issue Type                   | Guest Name  | Location     | Status | Assigned Department |
|--------|------------------------------|-------------|--------------|--------|---------------------|
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Open   |                     |
| 416352 | Bad Smell                    | STEVE BLACK | Kids Jacuzzi | Open   |                     |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Open   |                     |
| 416352 | Food Complaint               | STEVE BLACK | 10126        | Open   |                     |
| 416352 | Balcony Light Paint          | STEVE BLACK | Test 720     | Open   |                     |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Open   |                     |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Open   |                     |

**Yes - Please provide additional information**

Card Input: Awaiting Scan

Ready to scan - Auto Detect

Cabin: Search

Last Name: Steve Black

## IssuTrax™

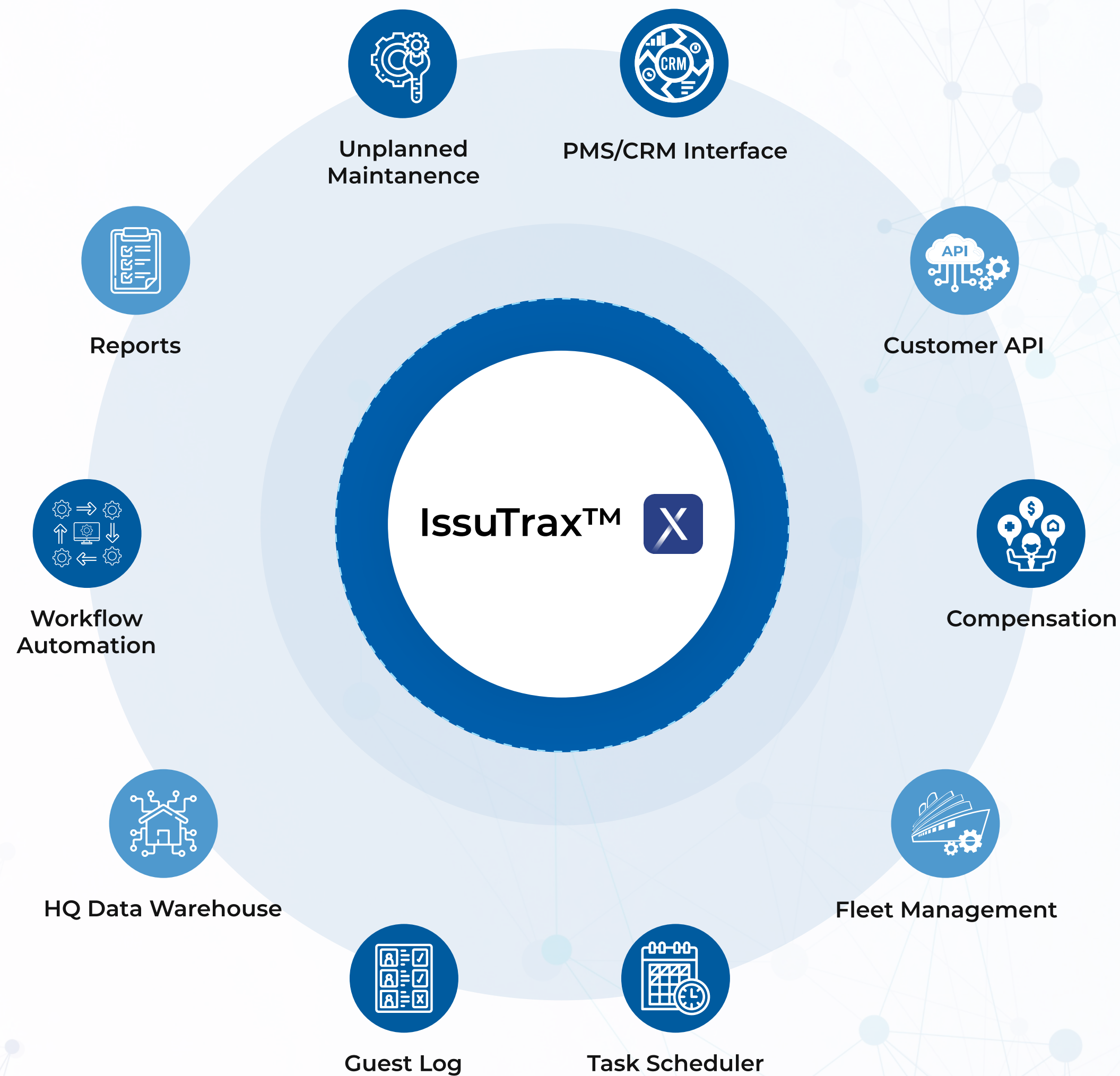
A suite of applications to create, track, and respond to unplanned maintenance tasks as well as all guest requests, complaints, and interactions.

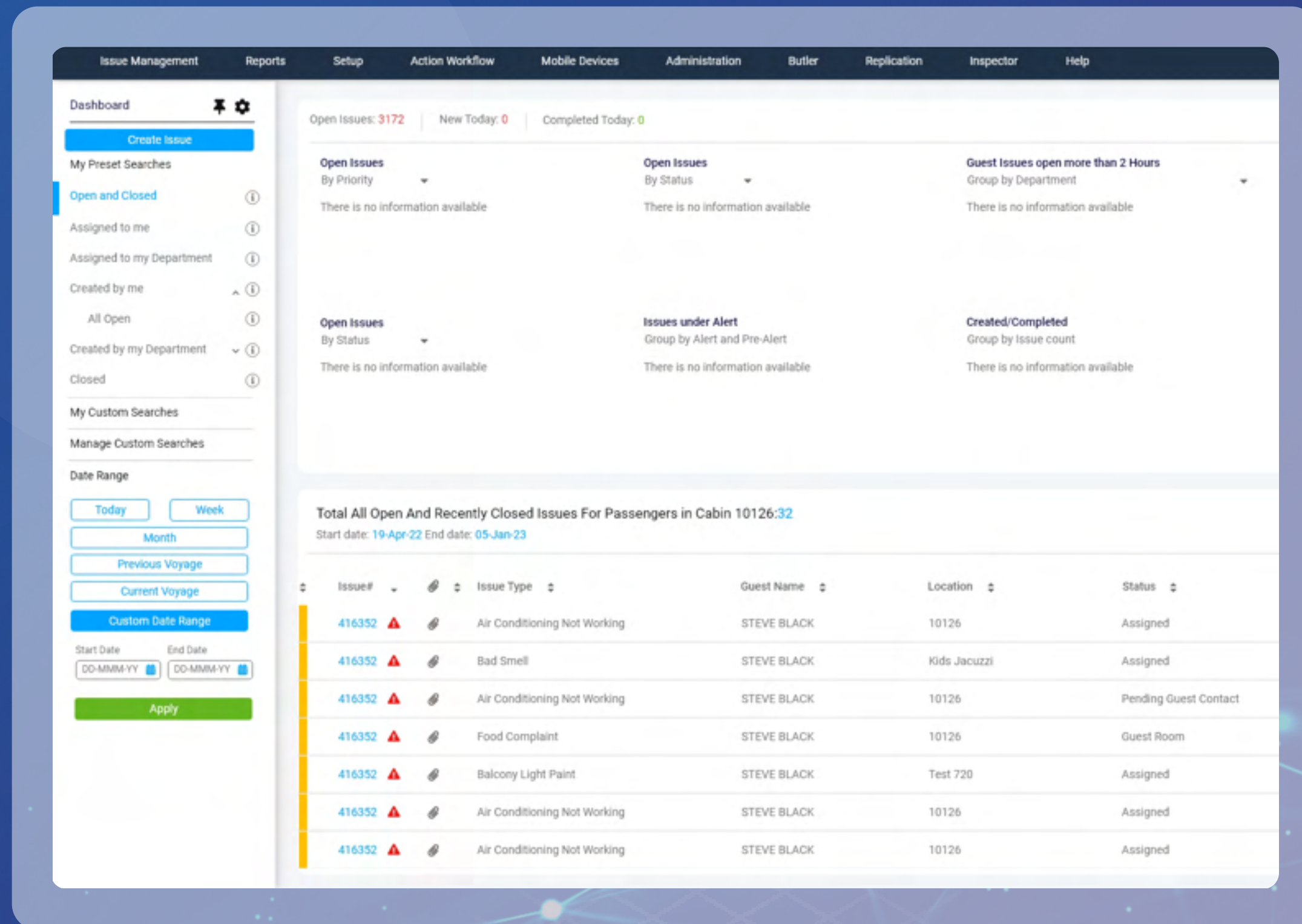
- IssuTrax Shoreside HQ™ (Data Warehouse)
- IssuTrax Web™
- IssuTrax Mobile™
- IssuTrax Create™
- IssuTrax Inspector™
- IssuTrax Butler™
- IssuTrax IV (Interactive Voice Response)
- IssuTrax Customer API
- PMS Interface
- ERP / Inventory System Interface

# UNPLANNED MAINTENANCE & GUEST SERVICE MANAGEMENT

## What can IssuTrax do for me?

- Create, track, & respond to unplanned maintenance tasks and all guest interactions
- Provide an efficient internal and external guest communications tool
- Improve productivity through workflow automation
- Give management a clear real-time picture of the top activities
- Increase customer satisfaction with real-time updates and improved response times
- Analyze fleet-wide performance and data from a centralized system





# IssuTrax™ HQ Data Warehouse And Dashboard

- Bi-directional replication between ships and HQ
- HQ keeps all data and settings in sync across the fleet
- Expose guest service data to your CRM system
- Shoreside staff use to investigate guest issues and actions
- Minimizes bandwidth usage with configurable schedule
- Integration to customers BI reporting, analytics, and KPI's

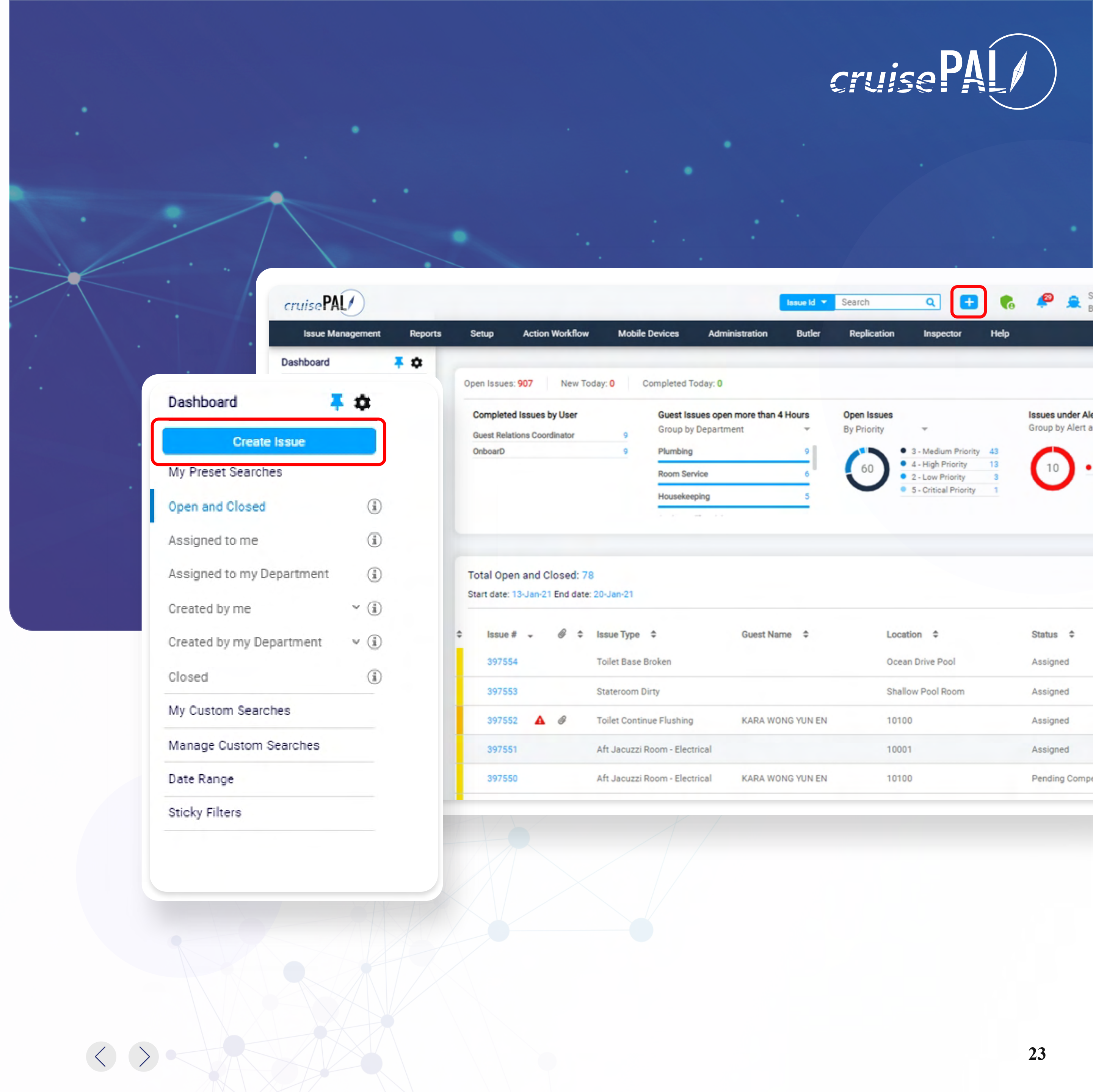
## HQ Data Warehouse Reports on:

- Fleet Performance
- Metrics and KPIs
- Identifying Trends
- Comparing ship-to-ship performance



# IssuTrax™ - Dashboard

- Comprehensive dashboard to manage all activities onboard the ship
- See guest history from all past cruises
- Real-time event notifications
- Customizable charts for analyzing data and displaying high impact issues
- Customize searches and filters to only see data for your department(s)
- Collaborate with team members to resolve issues
- Always visible “Quick Search” option to quickly display all guest reported issues
- Address issues by priority, duration open, and severity
- Search by day, week, month, voyage, date range



Overview

Open Issues: 3172 | New Today: 0 | Completed Today: 0

Cabin # 10126

Open Issues 32

Closed Issues 0

Compensations 2

Deck - Transverse - Section - FZ  
Deck 10 - SB - AFT - FZ2

Steve Black...

Booking ID 965158 | Loyalty Tier Platinum

Embarkation Date 15-Apr-22 | Disembarkation Date 15-May-23

Date Of Birth 29-May-90 | Nationality GB

Dashboard

Create Issue

My Preset Searches

- Open and Closed
- Assigned to me
- Assigned to my Department
- Created by me
- Created by my Department
- Closed

My Custom Searches

Manage Custom Searches

Date Range

Total All Open And Recently Closed Issues For Passengers in Cabin 10126:32

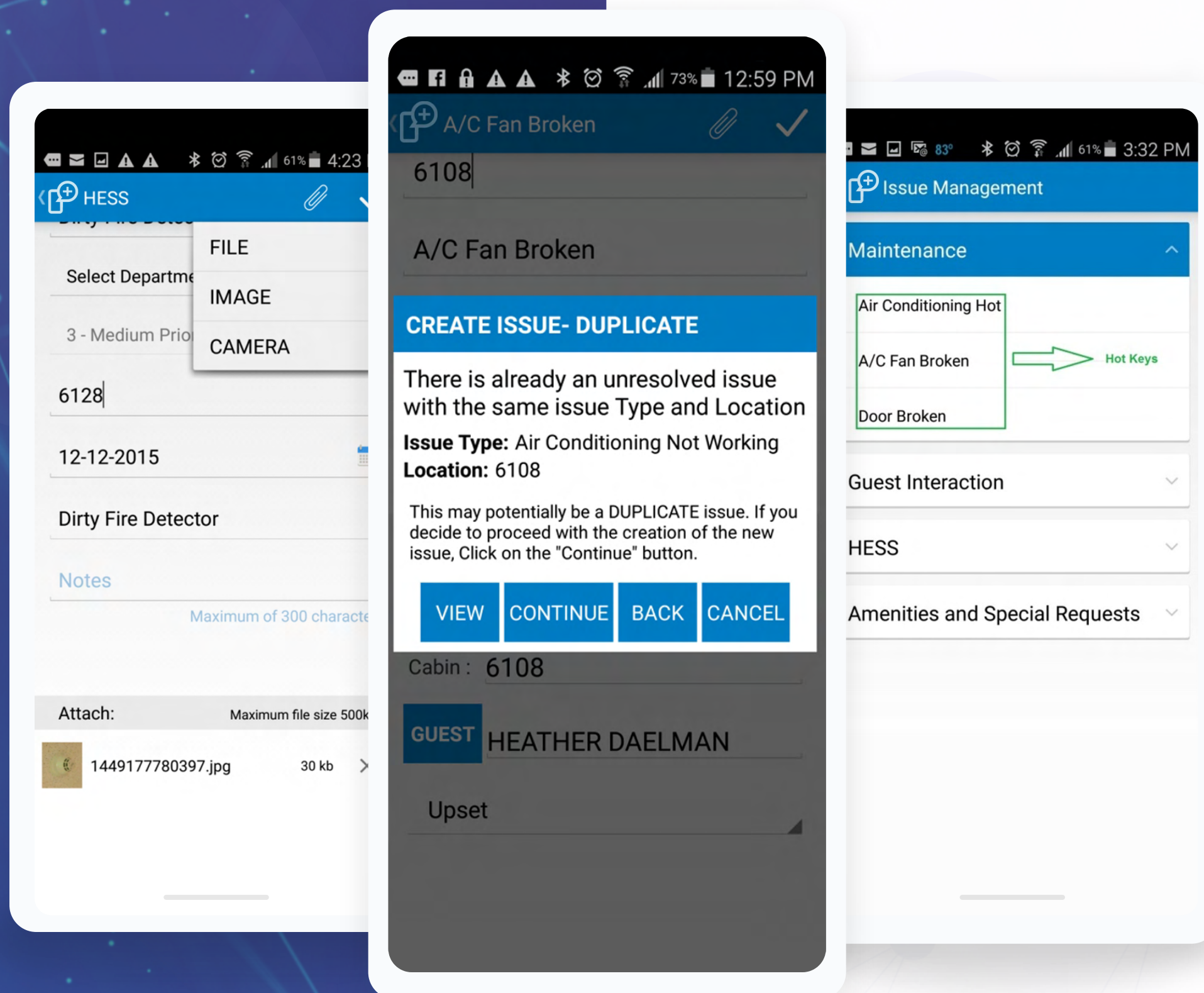
Start date: 19-Apr-22 End date: 05-Jan-23

| Issue# | Issue Type                   | Guest Name  | Location     | Status                |
|--------|------------------------------|-------------|--------------|-----------------------|
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Assigned              |
| 416352 | Bad Smell                    | STEVE BLACK | Kids Jacuzzi | Assigned              |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Pending Guest Contact |
| 416352 | Food Complaint               | STEVE BLACK | 10126        | Guest Room            |
| 416352 | Balcony Light Paint          | STEVE BLACK | Test 720     | Assigned              |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Assigned              |
| 416352 | Air Conditioning Not Working | STEVE BLACK | 10126        | Assigned              |

## IssuTrax™ - Guest History

- View all guests in cabin and details for each guest
- Quick view of current open/closed guest tickets and compensations
- Display list of guest issues during cruise with access to details
- Type ahead search to quickly find Issue Types
- Emojis capture guest mood (also capture guest satisfaction on close of issue)
- Use Hotkeys to quickly create recurring issues
- Displays Trending Issues for last 24 hours
- Capture all guest interactions.
- Create and close issues that does not require any further action (i.e. Guest Log).
- Attach images, files, and write unlimited notes.



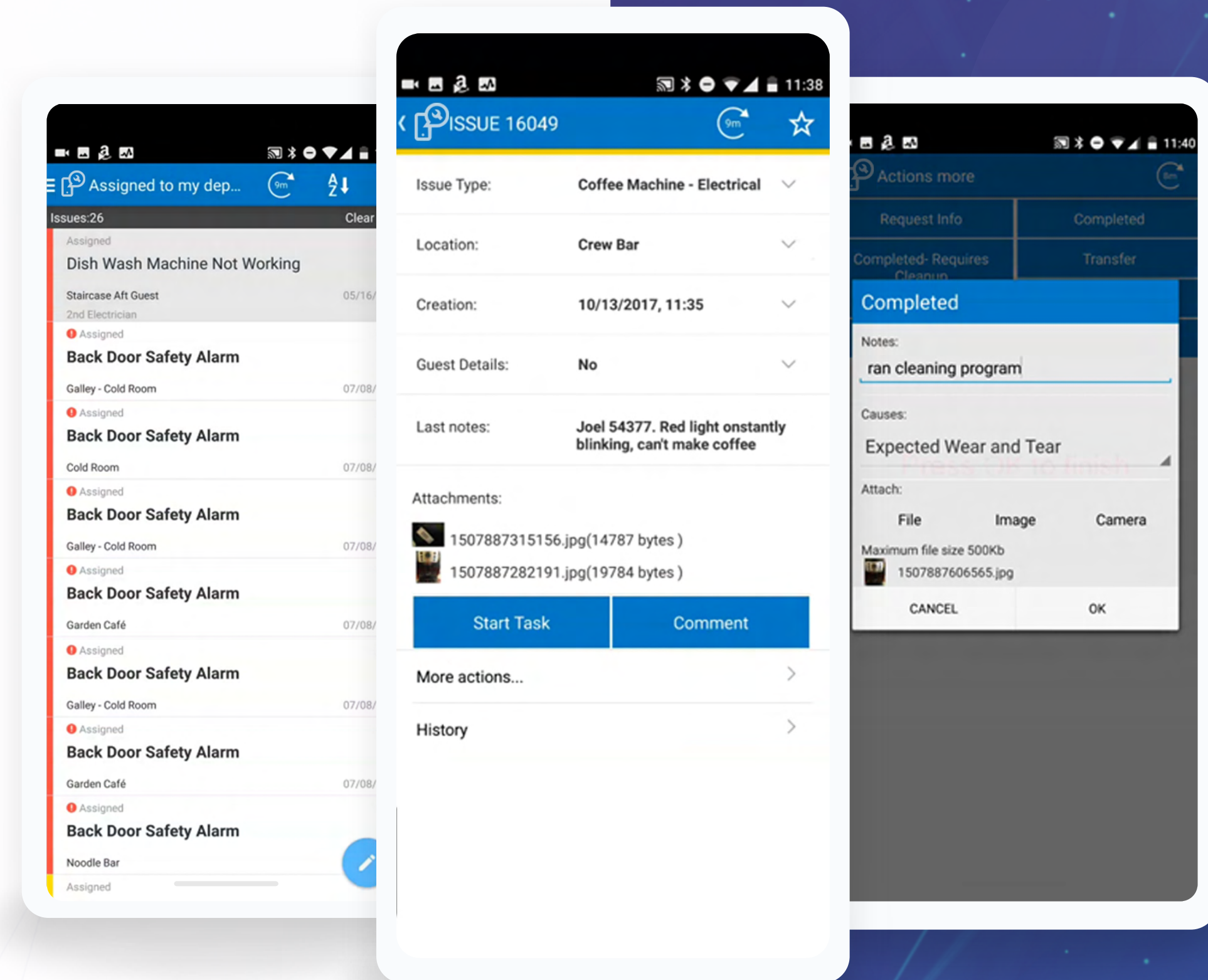


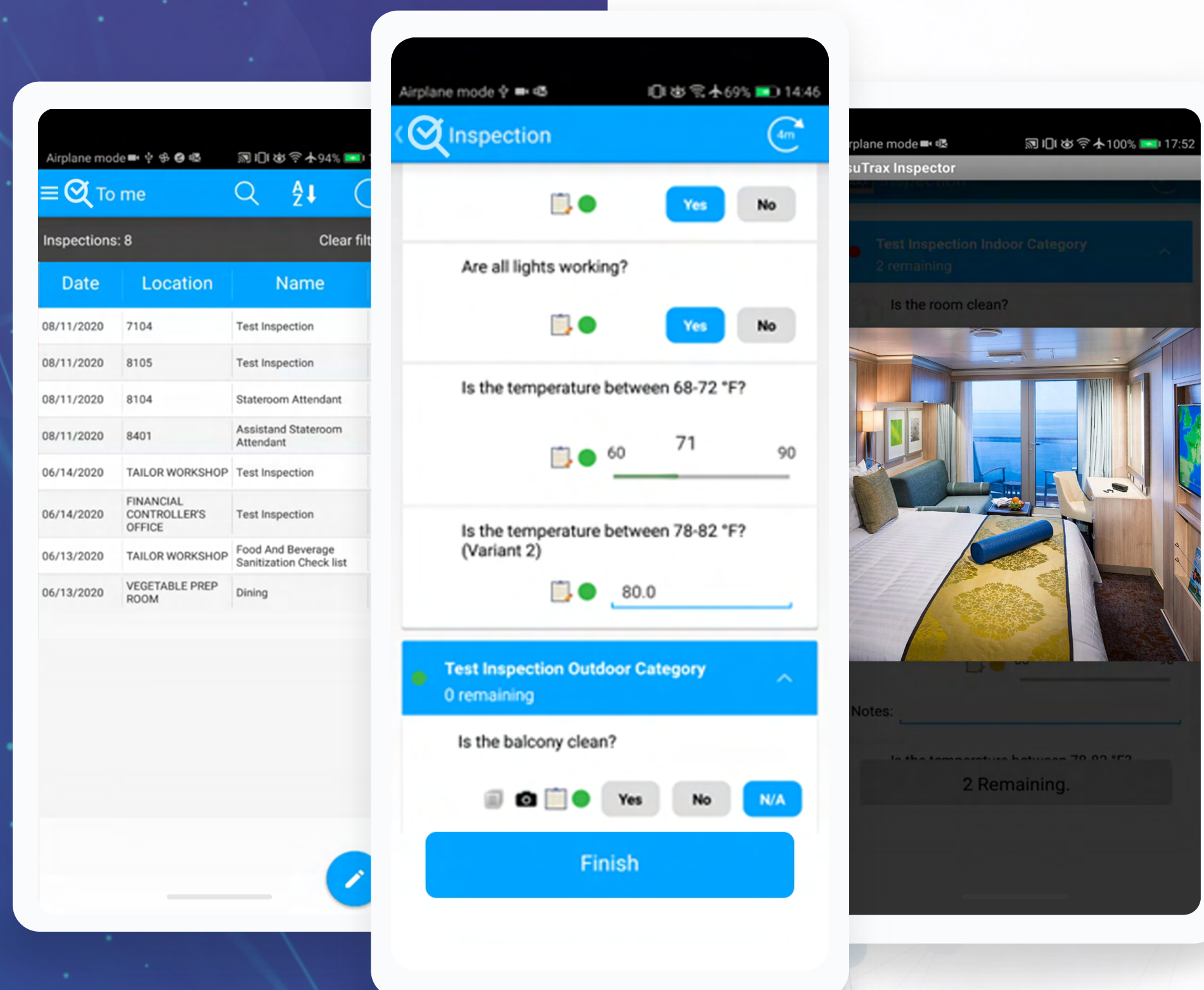
## xCreate™

- Direct connection to IssuTrax database (via Wifi)
- Similar flow and core functionality as the IssuTrax Web, such as:
  - Hot Keys
  - Issue Classes
  - Data Validation
- Interfaces to PMS to capture guest details
- Access to the camera from the app to take and attach pictures
- Checks for duplicate and repeated issues in real-time

# xMobile™

- Technicians and staff remain mobile while receiving & completing tasks
- Automatic and manual sync updates the IssuTrax and mobile databases
- Audible and visual alerts notify users of new issues assigned
- Disconnected mode works in areas without Wi-Fi
- Filter and sort tasks by priority, location, date and more
- Capture cause of issue for later reporting and analysis
- Identify issues caused by guest during charter for bill back
- Managers see all issues in all departments they manage
- Take photos, record a voice message, view attachments, add comments, & other actions.
- Tracks timing from creation to completion of task for analytical and metrics reporting



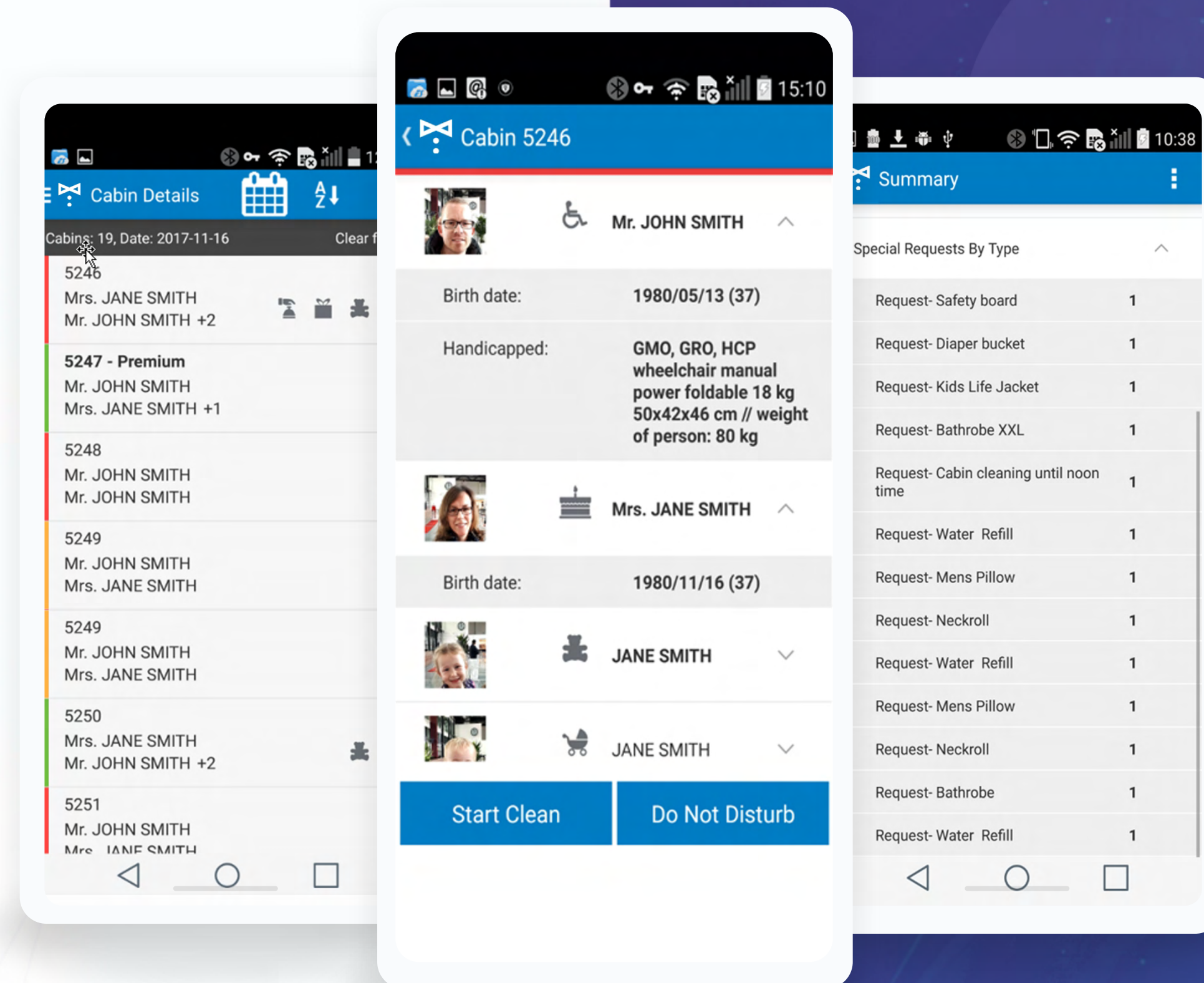


## xInspector™

- Mobile app for performing inspections and audits
- Track corporate audit standards
- Fully integrated with the core IssuTrax product
- Can automatically create an issue in IssuTrax when an item fails
- User-defined inspections, enter your questions, add pictures to show corporate standards
- Assign a numerical value to each question and calculate a score
- Schedule or create inspections on the spot
- Automatic re-inspection on failing scores
- Enter comments, take photos, capture electronic signature
- Works in areas without WiFi

# xButler™

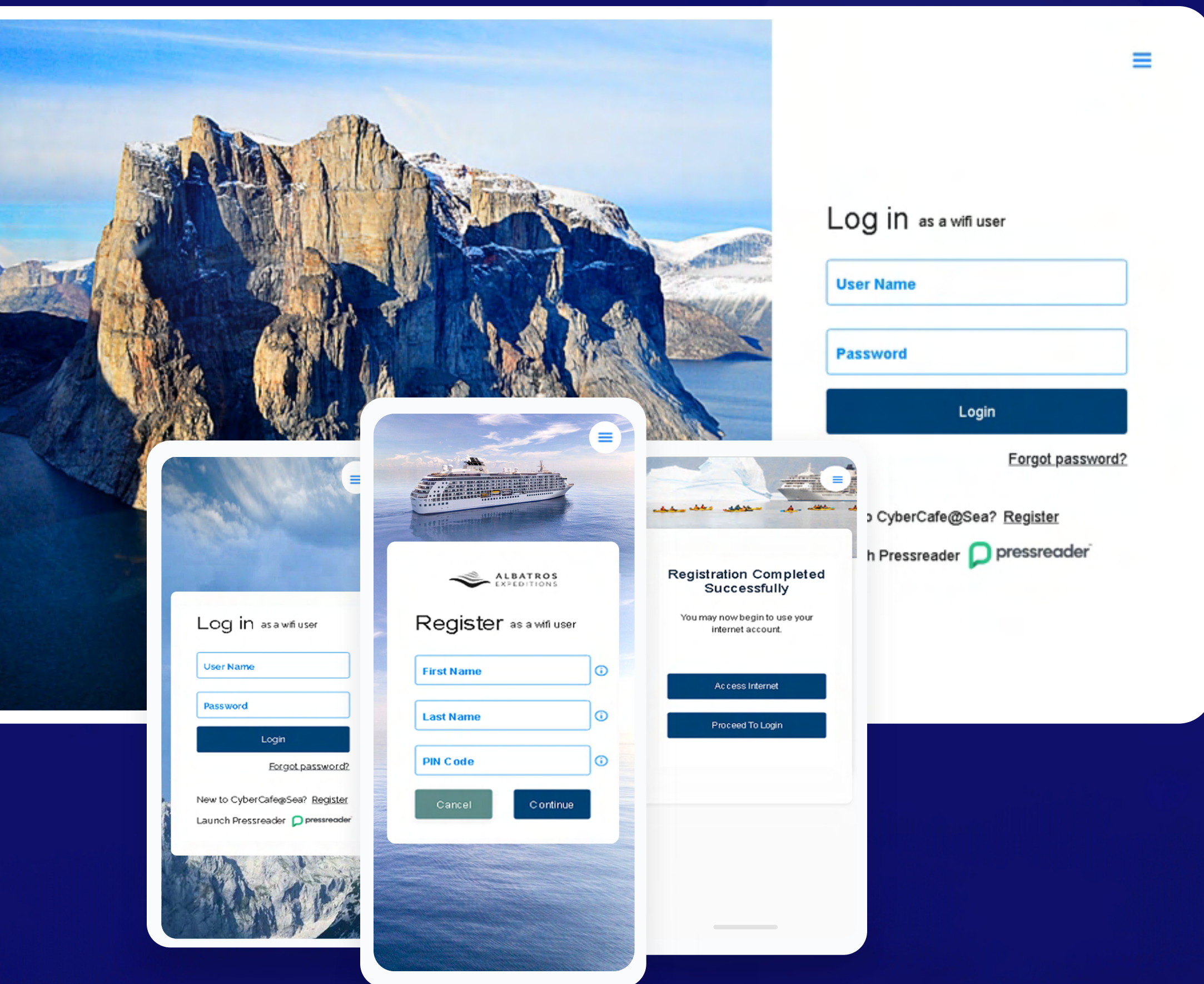
- Mobile app designed for housekeeping staff/supervisors
- Displays cabins by steward section and details of all guests in a cabin
- Icons displayed for handicapped, toddlers, infants, requests, and amenities
- Listing of guests and amenities to be fulfilled by the date
- Cabin status – clean/dirty/in- progress. Set to clean option
- Embark / Disembark screens – lists cabins/guests vacating and arriving
- Supervisor overview of housekeeping sections, % cleaning progress, time remaining to completion of the section, cabin reassignments



## CyberCafe@Sea™

A captive portal designed for shipboard WiFi management & Internet access billing for guests and crew.

- User-configurable and highly flexible Internet pricing
- Separate guest and crew plans
- Easy self-registration and seamless billing process
- Designed with a consistent look and feel between laptop/tablet screens and small screens on mobile devices
- Customer Branded – uses customers' logos, fonts, and colors
- Administration Module– add/update Internet plans/pricing, view Internet usage, account management, and reporting
- Palo Alto Integration – content filtering
- Multi-Language Support
- VSAT/PMS system integration to standard industry providers





Marine Management



Accounts



Insurance



Purchase



eConnect



HSEQ



QDMS



Certification



Maintenance



eRBooks



eLogs



Financial Reporting



smartOps



LiveFleet

# Marine Management



## Comprehensive Ship Management:

Advanced maintenance, drydock planning, and meticulous crew management ensure robust foundational support.



## Inventory and Financial Oversight:

Streamlined management of technical inventories and financial operations to enhance efficiency and control.



## Safety and Compliance:

Emphasizes health, safety, environmental, and quality standards through comprehensive HSEQ management.



## Digital and Eco-friendly Operations:

Adoption of paperless processes and digital transformation for operational efficiency and sustainability.



## Performance Monitoring:

Fleet performance insights and analytics for optimizing vessel operations.





## Crewing

Centralized management of activities and data of seafarers onboard and ashore



## Seafarer Portal

Track, monitor, and communicate with your vessel anytime, anywhere



## New Application

Manage seafarer applications and recruitment processes quickly



## Payroll

A dynamic and advanced payroll processing system for managing multi-national, multi-currency transactions and payroll calculations for the crew onboard



## SeaRoster

Manages onboard requirements for crew work - rest hour regulations, ensuring crew safety



## Ticketing

Travel management solution for travel agents and their customers via desktop






# Crewing

Centralized system to manage the activities and data of both seafarers working onboard and ashore. Manage employee contracts, payrolls, documentation, training, claims, expenses, and activities. Track activity year-round for salary and fee-based employees.

- Cloud-centric workforce management supported with mobile Apps to track overall crew details anywhere, anytime
- Exchange quotations and PO budgets
- Crew management made seamless via Applicant portal, with consistent data integration to other modules like Crewing, Ticketing, SeaRoster, Payroll, Voyage, Purchase, Accounts, Insurance, Catering, and Seafarer portal
- Custom dashboards with dynamic views for quicker analysis and more efficient decision making
- Integration with third party vendor systems like Seagull, Videotel, OCIMF, Q88, and various other systems for effortless data processing
- Access comprehensive graphical planning of seafarers as per vessel requirement document checks. Provision to select crew based on management requirement and Owner specifications.



**FOUZDAR, SHARZAD ZUBIN**

000616  
4th Engineer Trainee  
30 Year, MALE  
Mumbai, Indian

[Sign-on](#) [Sign-off](#)

**Activities**

- Travel To Vessel
- Sign-On
- Extend/Reduce
- Promotion/Demotion
- Transfer
- Sign-Off
- Reverse
- Sub Activity**
- Make Inactive
- Make Active

**Make NTBR**

- Owner
- Manager
- Group

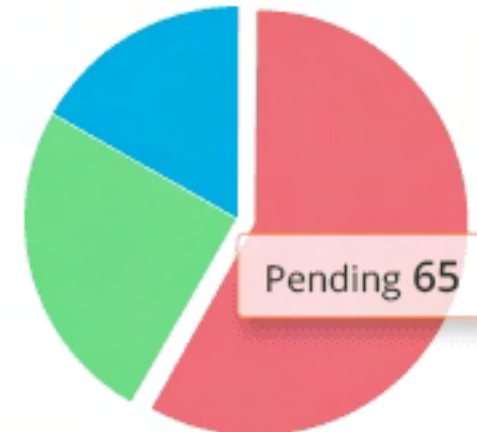
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**Make De-NTBR**

- Owner

|                             |                             |
|-----------------------------|-----------------------------|
| DoB<br>06-Feb-1987          | BTOD<br>30-Jun-2017         |
| Sign on Date<br>30-Jun-2017 | Sign of Date<br>30-Jun-2018 |
| ETOD<br>30-Jun-2017         | Relief Date<br>19-Mar-2017  |
| Original COC<br>01-Feb-2017 | Original EOC<br>30-Jun-2017 |

**Crew Plan** 1 Month 2 Month



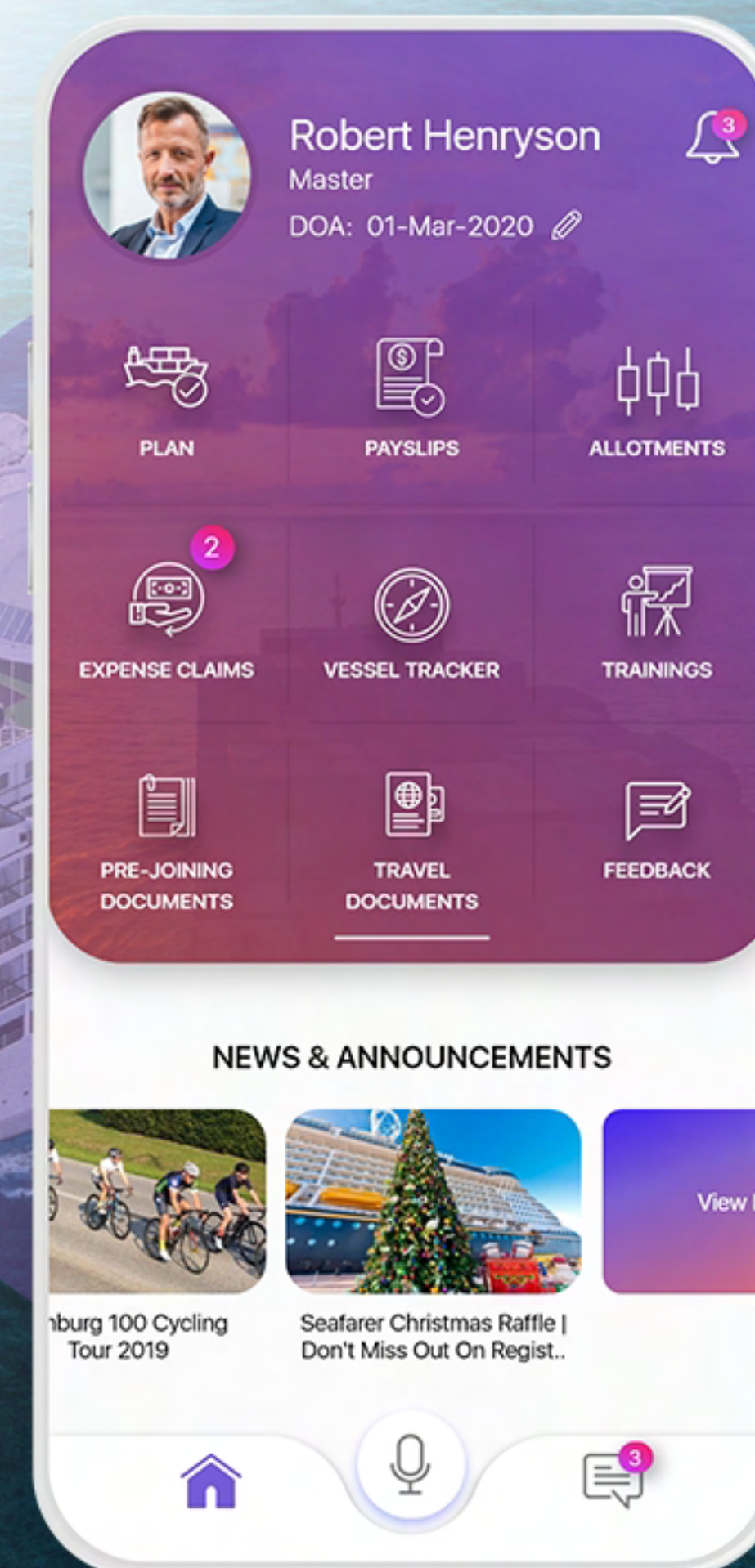
Pending 65

■ Pending ■ Approved ■ Completed

# Seafarer Portal

Track, monitor, and communicate with your vessel anytime, anywhere

- View planned voyages, scheduled trainings, and provide date of availability
- Travel documents
- Allotments detailed payslips and incidental expenses
- Chat live with crewing department, update local contact details, full documents download, with expired highlighted at the top of the list
- Alerts and notices: Changes in any of the above, and can also send customized alerts to IMO rule changes



# New Applicant

MariApps has a distinctive edge in the maritime industry with its Seafarer Portal, a mobile application that optimizes information and processes for both shore staff and crew members. This portal facilitates streamlined and efficient management of information.

### New Applicant Details

**Overview**

Rank Applied  
**2nd Officer**

External Agency  
**--Not Specified--**

[Overview](#)

[Profile](#)

[Documents](#)

[Experience](#)

[Communications](#)

[Family](#)

[References](#)

460409

**Experience**

By Rank [By Vessel Subtype](#)

| Vessel Subtype                                          | Other Company |
|---------------------------------------------------------|---------------|
| <input type="checkbox"/> Asphalt/Bitumen Tanker         | 0Y 0M 2D      |
| <input type="checkbox"/> Chemical/Oil Products Tanke... | 0Y 5M 4D      |
| <input type="checkbox"/> Crude/Oil Products Barge       | 0Y 3M 1D      |
| <input type="checkbox"/> General Cargo Ship             | 0Y 4M 24D     |
| <input type="checkbox"/> LPG Ethylene Carrier           | 0Y 6M 1D      |

**Documents**

| Document Name                         | Issuing Country | Expiry Date |
|---------------------------------------|-----------------|-------------|
| PASSPORT                              | Spain           | 06-Jun-2024 |
| SEAMAN BOOK                           |                 |             |
| US VISA                               | United States   | 08-Mar-2027 |
| Chief Officer (Reg. II/2 Par. 1-2)    | Spain           | 04-Dec-2024 |
| Medical Fitness Report (ILO/MLC 2006) | Spain           | 21-Jun-2023 |

< >

35

# Payroll

A versatile and advanced payroll processing system to manage multi-national, multi-currency transactions, and payroll calculations for the crew onboard. Provides efficient management of monthly payrolls for both salary and fee-based seafarers. Seamlessly integrated with Crewing and Accounts modules for managing crew contracts, dispersal of wages, and automatic transaction interfaces. Export to various e-banking systems for payments with interfaces that additionally allow for the preparation of accounting entries.

- Monthly inputs, and shipboard deductions entered via the vessel module
- Payslip generation and processing can be done on the vessel module
- Personalized allotment processing
- Payroll charges reporting
- Portage bill integration, incidental expenses, booking, and payments
- Access pay slip on seafarer web or mobile portal
- Wage and automated bonus calculator
- Configurable allotment and bank charges

### Payroll Overview

Apr 2023 <sup>85</sup>
May 2023 <sup>85</sup>
Jun 2023

My Vessel
Alpha <sup>53</sup>
BOURBON EXPLORER 500 <sup>85</sup>
Ekspres 93
Gama
Green
RN TEST DRY
RN TEST WET

**PAYROLL**  
0%

**ALLOTMENT**  
0%

**85**  
TOTAL EMPLOYEES

Off-signers **1**

Joiners **0**

#### Pending Approval

- 4 Regular allotment approval
- 0 Special allotment approval
- 0 External allotment approval
- 0 Signoff allotment approval
- 0 Final Settlement allotment approval

#### Seafarers on-board

- 6 Bank account approval
- 0 Incidental expense approval
- 84 Monthly input confirmation
- 85 Payroll process
- 0 Payslip finalise
- 0 Payslip sent to vessel
- 0 Payroll closing

# SeaRoster

SeaRoster is a crew management software that manages the requirements onboard for compliance with crew work and rest hour regulations (STCW 2010, ILO MLC, US OPA 90, and OCIMF recommendations). The crew management software closely monitors any repeat deficiencies and adjusts future working routines onboard to prevent excessive working hours and reduce fatigue amongst the seafarers. SeaRoster can act as a standalone module or can be combined with Crewing, *smartOps*, and Accounts. It allows for the transfer of crew and vessel information, while the

- Work hour – rest hour tracking, based on guidelines by global manpower regulatory bodies
- Management of individual and bulk schedules
- Provision to create plan from templates
- Integration with payroll module for overtime calculations
- Data Library for job planning
- Integration with Crewing module for various seafarer related details
- Advance or D-day options
- Can increase deferred efficiency in task management
- Japanese flag state requirements for work hour - rest hour regulations

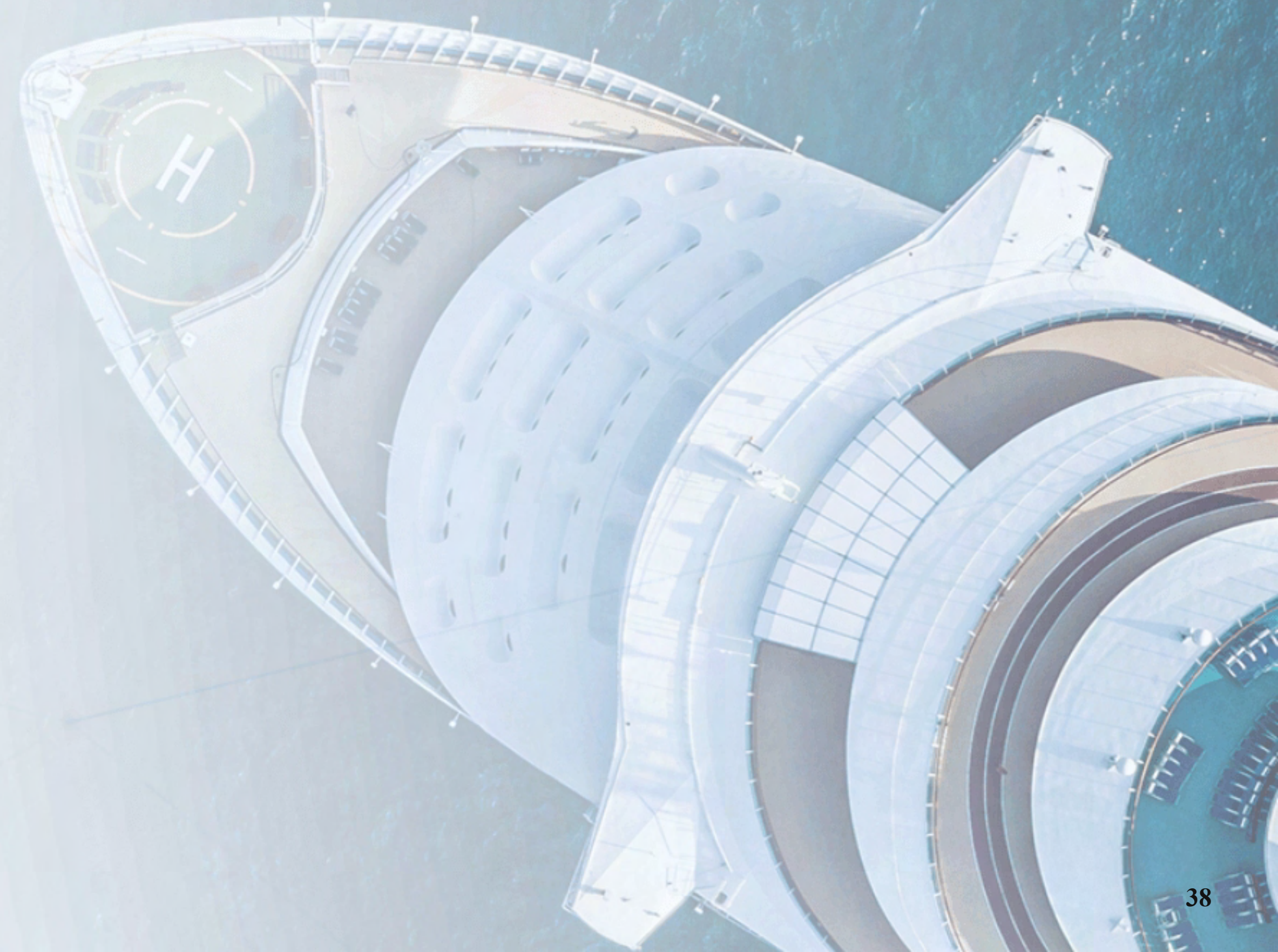
The screenshot displays a weekly schedule grid with columns for hours (00-14) and rows for dates (01-Thu to 09-Fri). A 'Schedule Task' dropdown menu is open, showing categories: Sea Normal (SN, DR, NV, TT, SS), Sea Watch (SW, AB, RO, SE), Port Normal (PN, CW, NN, P), and Port Watch (PW, DR, PP, PD, PP). A 'Clear' button is also visible.

|                          | Date   | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 |
|--------------------------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| <input type="checkbox"/> | 01-Thu |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 02-Fri |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 03-Sat |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 04-Sun |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 05-Mon |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 06-Tue |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 07-Wed |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 08-Thu |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| <input type="checkbox"/> | 09-Fri |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

# Ticketing

Holistic travel management system acting as a bridge between corporate companies and travel agent groups. It can be a standalone product or can be integrated with HR, Crewing, and/or Accounting systems. Ticketing eases the process of creating travel requests and tracking them by offering all these features on one platform. Travel agents can manage the travel request, raise ticketing options, and process them. Ticketing provides management with reports that provide insight into travel expenditure, destination reports, and other relevant data.

- Single solution for travel agents and for their customers
- Simple and intuitive to configure, manage, and use
- Create, track, and manage all travel request on a single platform
- Tailored ticketing process to suit ship management companies
- Achieve minimal assistance from travel agent
- Integration with GDS systems worldwide
- Integration with HR, Crewing, and Finance systems
- Obtain public fare, marine fare, and corporate fares





## Accounts PAL

Transaction postings, interface with other modules like purchase, crewing, and report generation



## Financial Reporting

Verify financial reports, enter comments, and publish reports after ship managers' verification. (Once published, it will be available in LiveFleet for the ship owner's review and/or comments)



## Insurance

A reliable and efficient way to record and process all types of ship management-related claims



Deutsche Bank

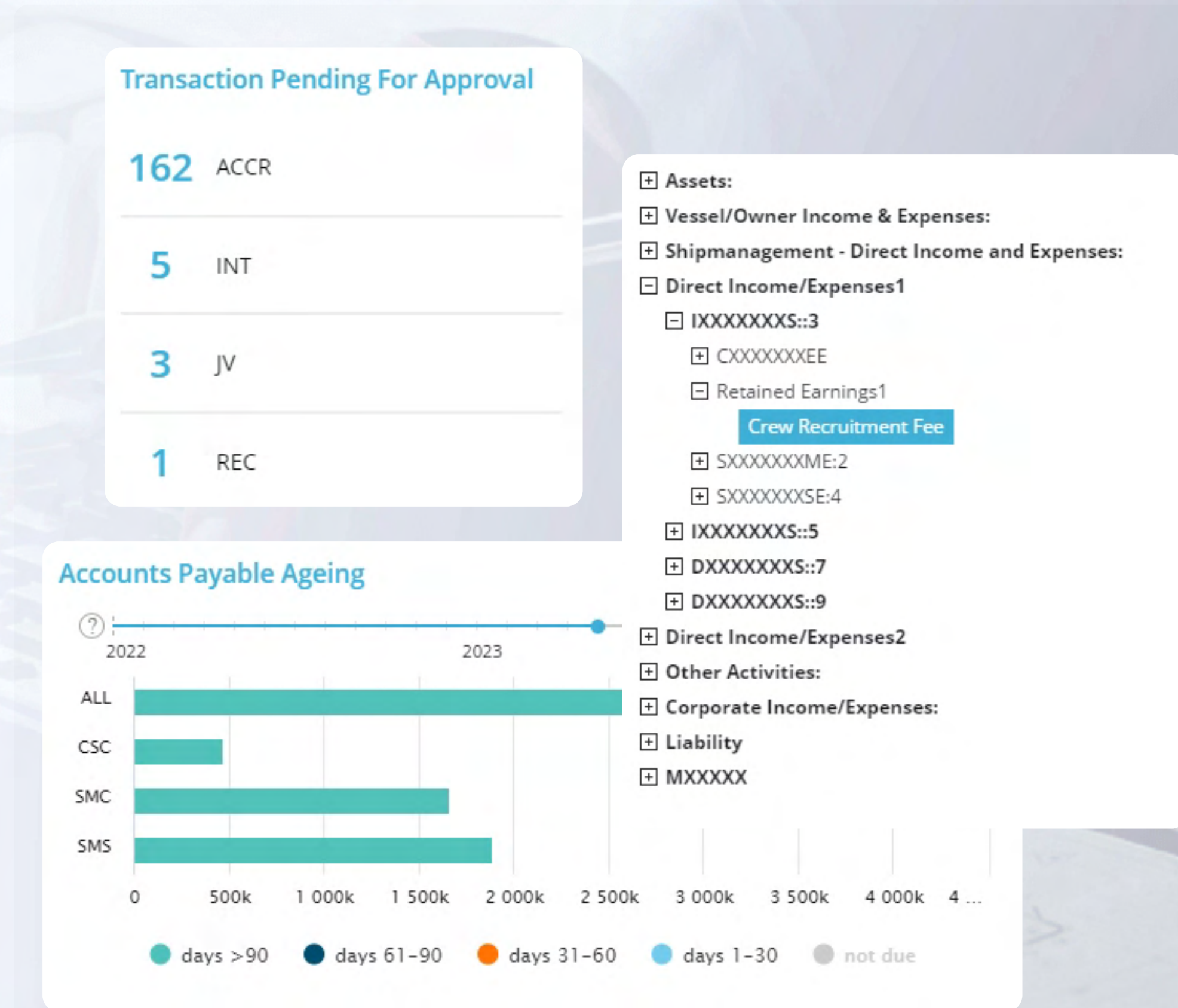


# Accounts

## A comprehensive Marine Accounting Software

A multi-national, multi-currency, and multi-company business accounting software, which can be integrated with other core modules such as Purchase, Crewing, and Payroll. It covers all aspects of ship management during the vessel management cycle.

- Customizable owner presentation charts defined per entity budgeting
- Set up a new vessel entity in the system based on the owner contracts
- Invoicing the client/owner (accounts receivable), processing the received invoices (accounts payable), and ageing analysis reports (AR/AP)
- Monitoring vessel expenses and owner cash position
- Direct banking transaction interfaces
- Detailed BI reports for supplier and client





## Financial Reporting

The icon is a blue square with rounded corners, containing a white document with a dollar sign and a bar chart.

### Publish reports from various sources and modules at ease

A platform for publishing reports from various sources and modules e.g. Accounts. The module enables several types of configurations required for LiveFleet including alerts. Supports manual data upload if required.

# Insurance

Providing organized marine insurance and claims handling, reporting, and analysis for vessel and crew.

smartPAL Insurance module is a comprehensive claims handling, reporting, and operational analysis tool. This module provides a reliable and efficient way to record and process all types of ship management related claims.

- Policy settings
- Management of incident details
- Expenditures and payment management
- Claim statements and cover letter generation
- Identifying non-accepted items/cost
- Day-to-day claims process status update
- Review and approve claims
- Comprehensive set of reports and dashboard tiles



# Purchase

A comprehensive inventory and procurement management system that can be integrated with other onboard modules. It enables seamless data flow through the Planned Maintenance and Accounting applications that provide a powerful platform to track stock levels, forecast spares demand, job planning, manage vessel budgets, and track vendor turnover. smartPAL's Purchase application can be integrated with third-party Business-to-Business (B2B) platforms and Vendor ERP systems.

< Crewing - Golden & Coral Group Vessel FY2021-V002

Discard
Save

Crew Budget Entry | Budget Allocation | Proposal Overview

Option A : Crew budget with German master | Option B : Crew budget with German master | Option C : Crew budget with German master

Configure
Wages
Additional OT
Recruitment Agency
Travel Expenses
Union Fees
Training Cost
Medical Expenses Insurance
Clothing & Uniform
Other Crew Expenses
Victualing
Management Fee

We found 6 previous and 2 other vessel crew compliments, that suites for your budgets
Go to Suggestions

Crew Compliment Clear Data

Add Crew Compliment by Group

| Rank                               | Nationality Group | CSC                | C. Months | Delete |
|------------------------------------|-------------------|--------------------|-----------|--------|
| Master, Chief Officer, 1st Officer | American          | CSC-ST. PETERSBERG | 12        |        |
| Chief Officer Additional           | Indian            | CSC-Mumbai         | 12        |        |

+
→

24 Record found
Search

Drag a column header and drop it here to group by that column

| <input type="checkbox"/>            | Rank                     | Rank Group     | No. | Department | Nationality | C. Months | CSC                |
|-------------------------------------|--------------------------|----------------|-----|------------|-------------|-----------|--------------------|
| <input checked="" type="checkbox"/> | Master                   | Senior Officer | 1   | Deck       | American    | 12        | -                  |
| <input type="checkbox"/>            | Chief Officer            | Senior Officer | 1   | Deck       | American    | 12        | CSC-ST. PETERSBERG |
| <input type="checkbox"/>            | Chief Officer Additional | Senior Officer | 1   | Deck       | American    | 12        | CSC-ST. PETERSBERG |
| <input type="checkbox"/>            | 1st Officer              | Other Officer  | 1   | Deck       | Indian      | 12        | CSC-Mumbai         |
| <input type="checkbox"/>            | 2nd Officer              | Other Officer  | 1   | Deck       | Indian      | 12        | CSC-Mumbai         |

Crew OPEX Assumptions ( Wages & Bonus)

# eConnect

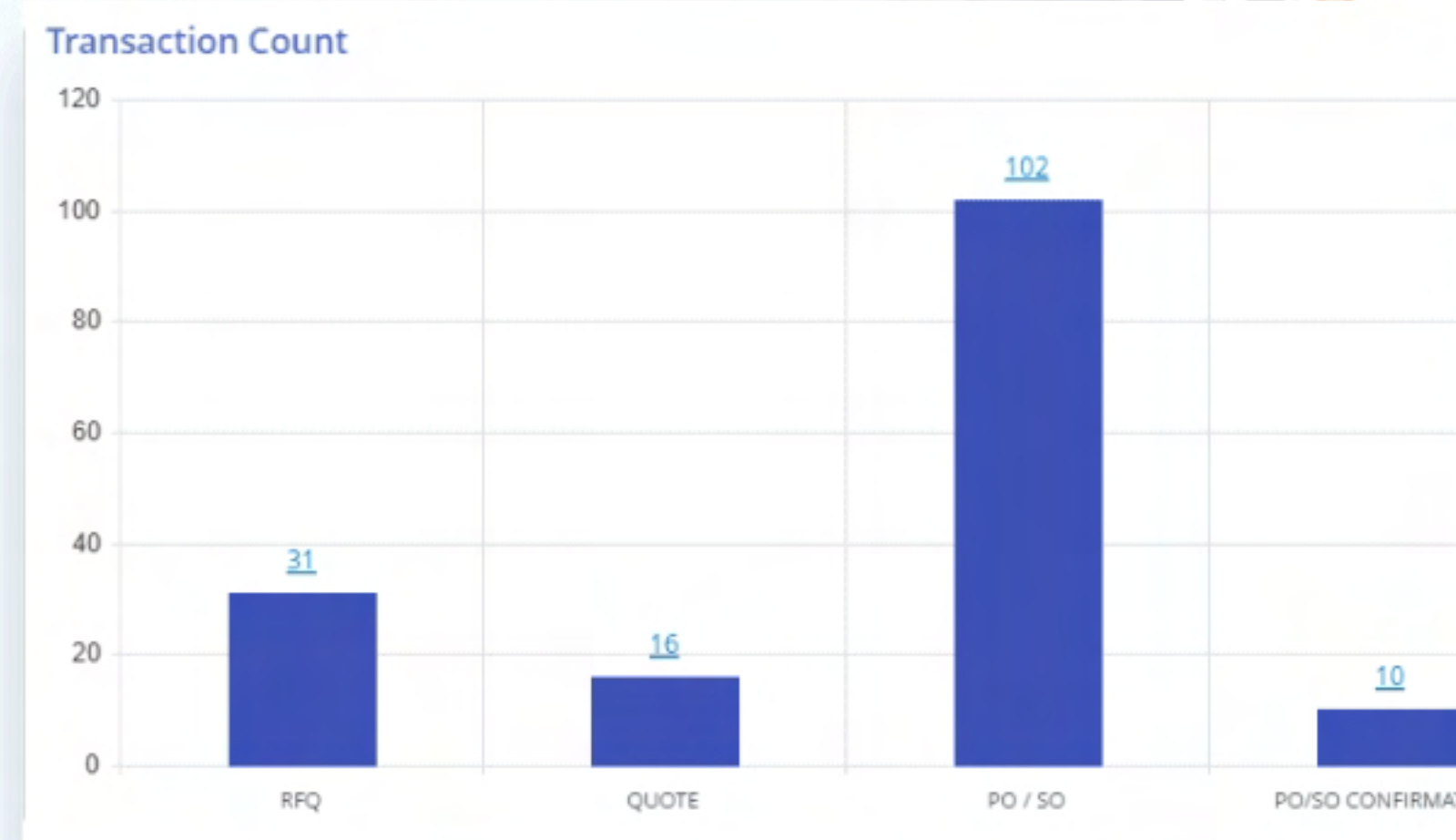
A web-based, end-to-end ecommerce solution that provides reliable and efficient processing of transactions. *smartPAL* eConnect features a direct interface for exchange of goods and services which can be integrated with external systems and other *smartPAL* modules, enabling seamless data flow throughout transactions

### Enquiries

All Pending Quoted Drafted Rejected

14 records found

| RFQ No.                          | P. | RFQ D...    | RFQ Rev No. | Vessel             | Delivery Port   | Category         | ATT/Conte |
|----------------------------------|----|-------------|-------------|--------------------|-----------------|------------------|-----------|
| JAX/O0186/RF23 <span>Open</span> | ●  | 26-May-2023 | 0           | Jasmine Express A  | Mumbai          | SMC - STORES     |           |
| JAX/O0175/RF23 <span>Open</span> | ●  | 15-May-2023 | 0           | Jasmine Express A  | Alger (Algiers) | SMC - STORES     |           |
| BAO/O0043/RF23 <span>Open</span> | ●  | 12-May-2023 | 0           | Baosteel Education | Singapore       | General Stores   |           |
| BAO/O0043/RF23 <span>Open</span> | ●  | 12-May-2023 | 0           | Baosteel Education | Altamira        | General Stores   |           |
| JAX/O0160/RF23 <span>Open</span> | ●  | 26-Apr-2023 | 0           | Jasmine Express A  | Kure, Kochi     | SMC - STORES     |           |
| BAO/O0041/RF23 <span>Open</span> | ●  | 25-Apr-2023 | 0           | Baosteel Education | Arzew           | CP - SS : MAR... |           |
| BAO/O0039/RF23 <span>Open</span> | ●  | 24-Apr-2023 | 0           | Baosteel Education | Achra           | MEDICINE         |           |
| 039/RF23 <span>Open</span>       | ●  | 24-Apr-2023 | 0           | Baosteel Education | Alang SBY       | MEDICINE         |           |
| 038/RF23 <span>Open</span>       | ●  | 24-Apr-2023 | 0           | Baosteel Education | Mumbai          | SMC - STORES     |           |
| 038/RF23 <span>Open</span>       | ●  | 24-Apr-2023 | 0           | Baosteel Education | Cochin          | SMC - STORES     |           |
| 037/RF23 <span>Open</span>       | ●  | 20-Apr-2023 | 0           | Baosteel Education | Mumbai          | SMC - STORES     |           |



# HEALTH, SAFETY, ENVIRONMENT, & QUALITY



## HSEQ

A complete integrated system, focusing on maritime compliances and regulations to ensure safety at sea and ashore



## QDMS

Ship-shore integrated module offering the capability to establish and implement common efficient policies and operation procedures, distribute best practices across your fleet and organization



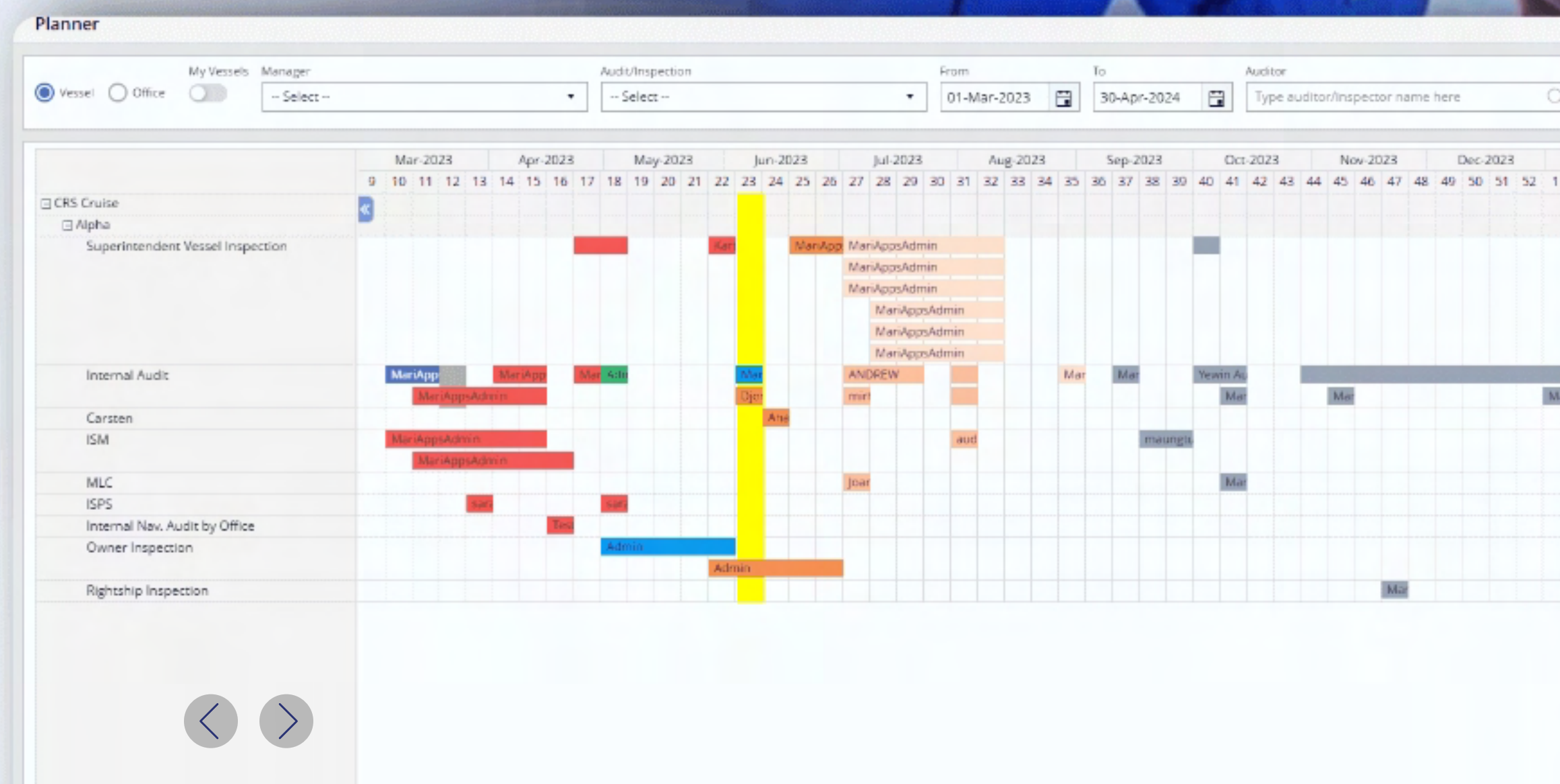
## Cerification

Provides a comprehensive and standardized software solution for all certification documents and survey records related to the safe operation of vessels under management

# HSEQ

smartPAL HSEQ module is an efficient safety and quality management system. It is a completely integrated system which focuses on maritime compliances and regulations to ensure safety at sea and ashore.

- Audit and inspection planning
- Inspection Reporting Tool for mobile devices and offline work
- Unsafe Condition, Unsafe Act, Near Miss and Incident reporting
- Safety and Management Meetings
- Drill scheduling, reporting and lessons learned
- Risk assessment management
- Insurance review and approval of work permit
- Management of change process
- Behaviour Based Safety
- Periodical reviews and action follow up
- KPI, comprehensive set of reports and dashboard tiles



## QDMS

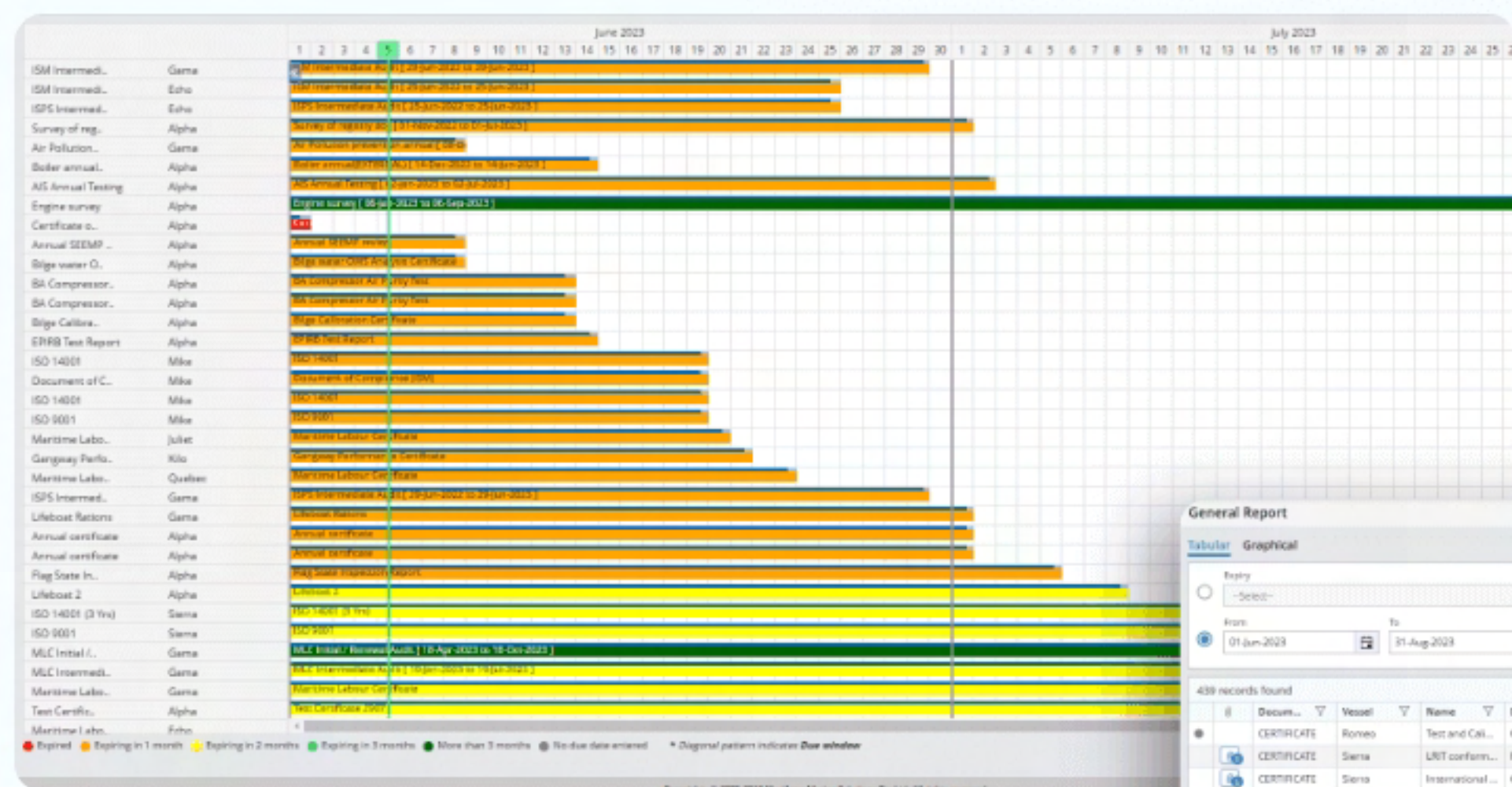
QDMS is a ship-shore integrated module that allows the company to reduce the administrative burden of document management. The tool provides shipping companies with the capability to establish and implement common efficient policies and operating procedures, distribute best practices across the fleet and organization. The module enhances safe and efficient operation on the vessels.

- Safety management manuals, quality management manuals, technical documents, rules and regulations etc. on shore and at sea
- Supports all internal and external document types, includes policies, procedures, forms, manuals, safety advisory notes etc.
- Efficient workflow for document creation, revision, review, approval, and publishing
- Full document controls throughout document lifespan e.g. versioning, archiving
- Full text or refined search, result list with document preview
- Efficient replication of documentation from shore to vessels

# Certification

The certification module provides a comprehensive and standardized software solution for all certification documents and survey records related to the safe operation of vessels under management.

- Map certificates and surveys based on vessel types
- Provides transaction details with due date of certificates and surveys
- Graphical overview of expiring surveys, COCs, and memoranda along with document history



General Report

From: 01 Jun 2023 To: 31 Aug 2023

439 records found

| #  | Docum...    | Vessel | Name             | Docum...           | Sub Type | Term Ty... | Referen... | Active                              | Original Ori...                     | Validity ... |
|----|-------------|--------|------------------|--------------------|----------|------------|------------|-------------------------------------|-------------------------------------|--------------|
| 1  | CERTIFICATE | Rosno  | Test and Cal...  | Other              | Solas    | Full-term  | CL00000035 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 12           |
| 2  | CERTIFICATE | Siena  | URT conform...   | Flag state         | Solas    | Permanent  | SO00000007 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Unlimited    |
| 3  | CERTIFICATE | Siena  | International... | Class and sta...   | Tonnage  | Permanent  | Ta00000007 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Unlimited    |
| 4  | CERTIFICATE | Fosnot | Portaria Car...  | Flag state         | Tonnage  | Permanent  | Ta00000007 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Unlimited    |
| 5  | CERTIFICATE | Fosnot | Convenca G...    | ISM, ISPS and...   | Solas    | Permanent  | SO00000005 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Unlimited    |
| 6  | CERTIFICATE | Fosnot | Minimum saf...   | Flag state         | Solas    | Permanent  | SO00000002 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Unlimited    |
| 7  | CERTIFICATE | Fosnot | Ship's Certi...  | Flag state         | Solas    | Permanent  | FL0000000E | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Unlimited    |
| 8  | CERTIFICATE | Fosnot | Portaria Car...  | Port and trad...   | Plans    | Full-term  | PA0000000A | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 48           |
| 9  | CERTIFICATE | Julie  | Lifeline Rat...  | Safety, fire, R... | Solas    | Full-term  | SO0000000A | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 60           |
| 10 | CERTIFICATE | Julie  | International... | Class and sta...   | Tonnage  | Permanent  | Ta00000007 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Unlimited    |
| 11 | CERTIFICATE | Julie  | URT conform...   | Solas              | Solas    | Permanent  | SO00000007 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Unlimited    |



# MAINTENANCE

The maintenance system keeps track of assets, assemblies, and parts related to vessel installation

- Purchase spare parts and supplies
- Completed maintenance and overdue analysis
- Condition Based Maintenance Data (CBMD) for the asset
- Detailed business intelligence reports for suppliers and clients

The screenshot displays the 'Equipment Details' page for asset ID 665. On the left, a tree view lists various equipment components such as 'MEDICAL EQUIPMENT', 'SHIP SECURITY EQUIPMENT', and 'EMERGENCY GENERATOR'. The main area shows tabs for 'General', 'Job Plan', 'Spare Parts', 'Service Letter', 'Purchase History', and 'Mount/Dismount History'. The 'Job Plan' tab is active, showing a table of maintenance jobs with columns for Job Title, Active status, Job Type, Frequency, Interval, Last Done Date, Next Due Date, and Days Left. Below this, the 'Job History' tab is selected, displaying a detailed table of 52 records with columns for Job Category, Job Order No., Job Title, Due Date, Due Hrs., Job Status, Job Start, and Job End. The interface includes search bars, filters, and navigation icons.



# smartLogs (eRBooks & eLogs)

## eRBooks

- Oil Record Book Part 1 (ORB Part 1)
- Oil Record Book Part 2 (ORB Part 2)
- Cargo Record Book 1 (Annex II)
- Emission Record Book (Annex VI)\*
- Ozone Depleting Substance Record Book (Annex VI)
- Ballast Water Record Book
- Garbage Record Book Part 1 (GRB Part 1)
- Garbage Record Book Part 2 (GRB Part 2)
- Biofouling Record Book
- MARPOL Seal Logs

### Upcoming Record Books

- Sewage and Graywater Record Book
- Bunker Sample History Logs

\* Fuel Change and Tier Status Change Over Record

## Advantages

- IMO regulations compliant
- Maintenance & support plan
- Mandatory software updates
- Recordkeeping by authorized personnel
- Multi-layer security
- Encrypted data with AES-256
- Reminders for pending tasks
- Overview of key operations on one display
- Automated analytical reports
- Increase transparency, reduce human error

## eLogs

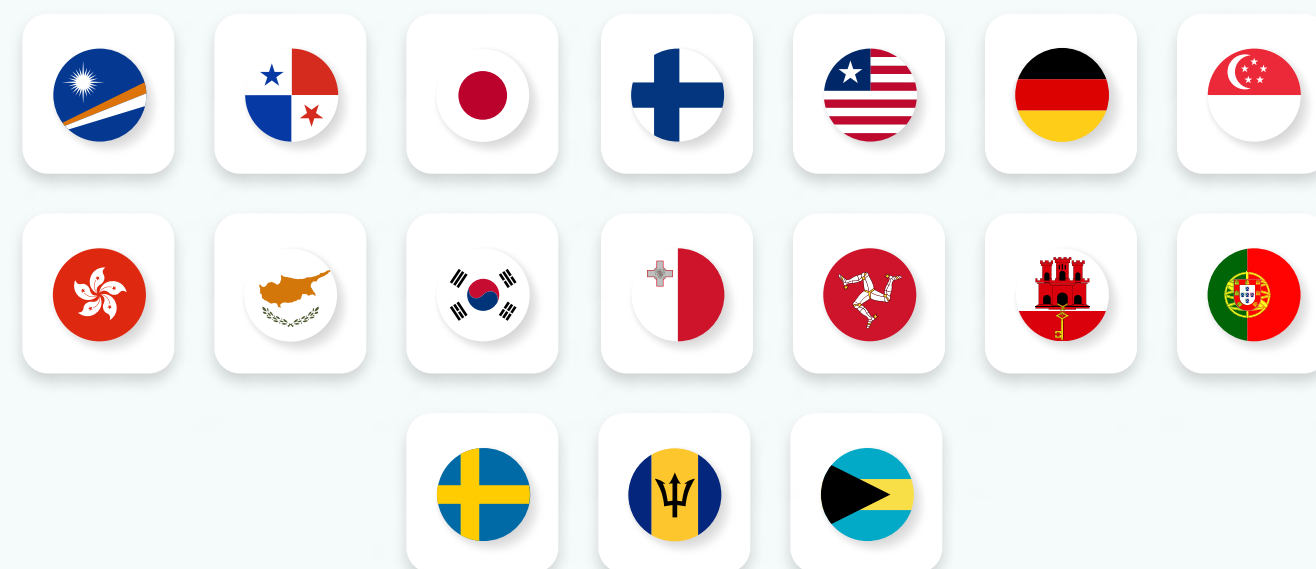
- Engine Logbook
- Deck Logbook

### Upcoming Record Books

- GMDSS Radio Logbook
- Radar Log
- Compass Observation Log
- Controlled Drugs Register
- Key Register
- Medical Record Book
- Bridge Bell Book \*
- Engine Bell Book \*
- Marine Visitor Logbook \*
- Ship Security Logbook
- Refer plant Logbook

\* Only Mobile App, one report in web-version

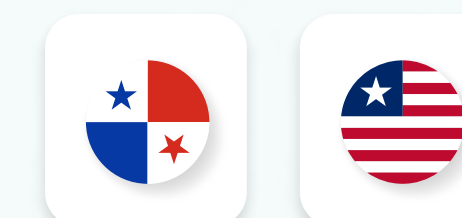
## Flag Approvals



## Type Approvals



## Flag Approvals



# smartOps - FLEET PERFORMANCE SOLUTIONS

smartOps is an advanced analytics platform that supports the optimization of vessel operations.

- It utilizes data reported through a state-of-the-art vessel application, telemetry data recorded directly from sensors, as well as position and weather data. Vessels are benchmarked against their own tailored digital twin, with results delivered in a clear and user-friendly manner
- It offers tools to manage decarbonization, while enabling cost and reliability efficiencies through predictive and proactive insights—transparently, ashore, and onboard
- MariApps' CII Calculator includes a monthly vessel summary and CII prediction according to weather and auxiliary consumption forecasts. You can upload routes, and it provides forecasts and CII estimates. CII ratings are calculated based on historical ME consumption data. Port consumption, fuel type, degradation from reference curves, and speed advisory based on plan CII can be included.



**Fleet Performance**  
Efficient, accurate, and safe passage



**Operations**  
Real-time performance analytics



**Alerts**  
Proactive alerts safeguard your vessel's performance



**Monitoring**  
Round-the-clock expert support



**EU ETS**  
Track and monitor carbon emissions

## Our Telemetry Partners



Telemetry Installation

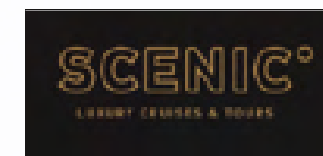


Route Optimization



AIS & Weather Forecasts

# cruisePAL



*cruise* **PAL** 

