

— INFRASTRUCTURE AND OPERATIONS FOR THE FLEET

One infrastructure, one operational owner.

Seafy designs, integrates and manages connectivity, the IP network, IoT and onboard operational tools. A scalable architecture, integrated with the systems already installed and supervised centrally to support passengers, crew and fleet operations.

Different vendors. One fragmented infrastructure.

Connectivity, IoT and communication systems are often introduced at different times and by different suppliers. Each solution brings its own equipment, interfaces, contracts and support procedures, adding complexity for the technical and operational teams.

01

Isolated systems

Connectivity, IoT and communication run in parallel, with separate data and functions that can overlap.

02

Integration still manual

Information moves between systems through manual work and the direct coordination of onboard staff.

03

No single view of the fleet

Each ship evolves differently, making it harder to standardise configurations, compare performance and plan upgrades.

Fragmentation costs, even when everything works.

Separate systems multiply contracts and coordination work, make the experience less consistent and slow down the launch of new services.



Contracts and licences multiply

Each solution adds suppliers, renewals, contract terms and costs to manage ship by ship.



More time spent coordinating

Management has to align different contacts and responsibilities, taking time away from developing onboard services.



A different experience across ships

Different technologies and configurations make the experience offered to passengers less consistent across one fleet.



Revenue opportunities deferred

A fragmented infrastructure slows the launch of Wi-Fi and digital services able to generate new revenue.

More separate systems, more cost and risk on board.

Every standalone solution adds infrastructure, interfaces and procedures to manage. The complexity shows up in installation, maintenance, use of connectivity and security.



Duplicated cabling and equipment

Runs, cabinets and power supplies multiply for systems that could share one infrastructure.



Bespoke integrations

Every link requires dedicated development and coordination between different suppliers.



More consoles to manage

Each interface calls for its own training, credentials and operating procedures.



Uncoordinated network priorities

Different services compete for the same connectivity with no shared traffic policy



A larger attack surface

More platforms mean more accounts, components and update cycles to govern.

Three models for governing onboard infrastructure.

The choice concerns both the quality of the individual solutions and the operating model to run over time: number of suppliers, integrations, updates and fleet standardisation.

OPTION A

Specialist solutions

The best product for each function

The company selects specialised technologies and entrusts supply and management to different partners.

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- ✓ High specialisation in each area
 - i More contracts, integrations and responsibilities to coordinate

OPTION B

Bespoke integration

Connecting the systems already installed

A system integrator builds specific links between the platforms present on board.

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- ✓ Existing investment preserved
 - i Integrations to maintain whenever the systems change

OPTION C • RECOMMENDED

The Seafy model

One shared infrastructure, run as a single system

Seafy brings connectivity, IoT, communication and operational tools into one architecture, integrating the compatible systems already on board.

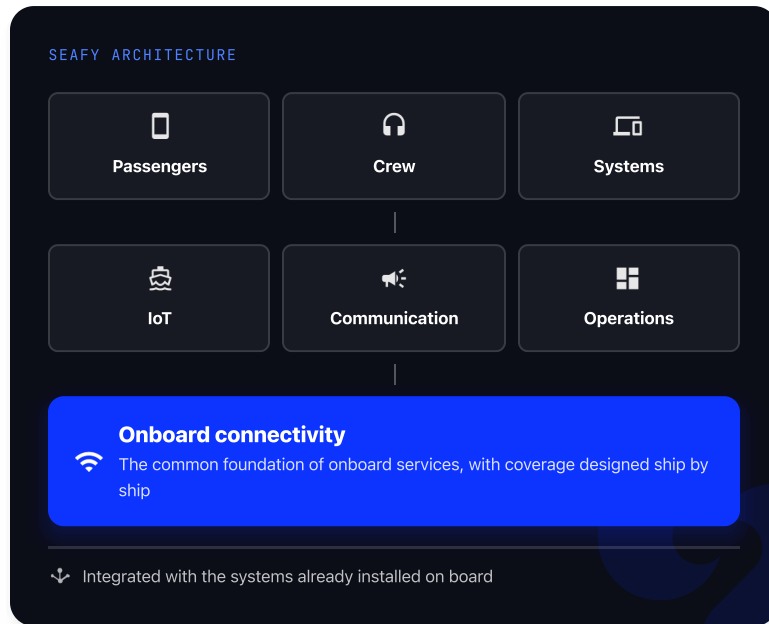
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- ✓ One owner for infrastructure, integrations and support
 - ✓ A fleet standard adapted to the characteristics of each ship

— THE SEAFY PROPOSAL

One infrastructure for every onboard service.

Connectivity is the foundation of a scalable architecture that serves passengers, crew and onboard systems through dedicated environments. IoT, communication and operational tools run on one shared platform, integrated with the technologies already installed.

- ✓ Coverage and capacity designed ship by ship
- ✓ Dedicated environments for passengers, crew and systems
- ✓ Integration with existing infrastructure and technology



— FROM NETWORK TO GOVERNANCE

From connectivity to a measurable fleet

When connectivity, devices, communication and operational tools share one architecture, the data can be collected and compared at fleet level. The company gains a clearer view of the performance and services of each ship.

01

Onboard connectivity

Network coverage and capacity designed around the spaces and services of each ship.

02

IoT integration

Onboard devices and systems feed one common data layer.

03

Integrated communication

The services for crew and passengers run on the same underlying infrastructure.

04

Centralised control

Monitoring and operational tools give a coordinated view of the fleet.

05

Comparable data

Common indicators make it possible to observe and compare services and performance across ships.

— WHAT IT COVERS

The technical and operational foundation of onboard services.

Seafy brings network, access, integrations and monitoring into one managed service, configured per ship and governed at fleet level.



Onboard network and connectivity

Coverage, capacity and routing designed around the characteristics of each ship.



Web access with no app

Passengers and crew reach the enabled services straight from the browser, with no application to install.



Integration with the systems

A common layer connects the Seafy services with the compatible technologies already on board.



Centralised monitoring

The Seafy team monitors availability, performance and use of the infrastructure at ship and fleet level.

Less complexity, more control over the fleet.

One shared architecture lets the company govern network, services and data under common rules, while keeping configurations suited to each ship.



A network designed ship by ship

Coverage and capacity follow common criteria, adapted to the spaces and services of each vessel.



Investment preserved

Compatible systems already on board are integrated, avoiding unnecessary replacement.



Better coordinated services

Communication and operational tools use one architecture through dedicated environments.



Simpler governance

The company reduces the platforms, contracts and consoles it has to manage separately.



New revenue opportunities

The infrastructure enables digital services measurable by ship, route and crossing.



Operational visibility across the fleet

Centralised monitoring gives a consistent reading of availability, performance and service usage.

From network to services. One platform, one direction.



Analysis before design

We survey the network, equipment and operational constraints of each ship before defining the fleet architecture.



Integration rather than replacement

We connect the compatible systems already on board, preserving the investment made.



Management across the whole life cycle

We monitor and maintain the infrastructure after go-live, under the agreed SLAs.



Designed for the maritime environment

We build a solution that scales on the real characteristics of the ships and their operation.



Clear accountability

The same team coordinates infrastructure, connectivity, IoT and digital services.



A foundation for new services

The same infrastructure makes it possible to launch Wi-Fi and digital services measurable by ship and by route.

— NEXT STEP

The first ship sets the course for the whole fleet.

We start with an initial fleet analysis and select a pilot ship. We map the systems on board, define the target architecture and the integration plan, then verify the solution in operating conditions before extending it to the other vessels.

[Schedule a meeting](#)

[Request an assessment](#)



business@seafy.com · Seafy · Infrastructure & Operations