

— IP TELEPHONY FOR SHIPS AND FLEETS

Fleet telephony, on one network.

Seafy VoIP moves onboard telephony onto IP and connects ships, crews and shore offices in one system. Every ship and every user has a dedicated number, with ship-to-shore calls included in the service and a common base for integrating the other Seafy communication tools.

Onboard telephony runs on a separate network.

The analogue exchange uses its own cabling and stays disconnected from the data network and the other onboard systems. Extensions identify rooms rather than people, while communication with shore depends on satellite minutes or the crew's roaming.

01

A separate infrastructure

The telephone network runs alongside the data network, adding equipment to install, manage and maintain.

02

Extensions tied to rooms

The number identifies a space, not a person. Reaching a crew member takes hand-offs and waiting.

03

Costs that add up

Ship-to-shore calls use satellite minutes, while the crew may fall back on personal mobiles in roaming.

A separate exchange multiplies cost and complexity.

Traditional telephony creates costs beyond the calls. Every change needs technical work, extensions tied to rooms slow communication down, and with no VoIP numbering plan services such as Seafy Push-to-Talk cannot be activated at all.



Recurring call costs

Ship-to-shore communication uses satellite minutes, while the crew may fall back on personal mobiles in roaming.



Every change needs a job

Adding or moving a handset means cabling, technical work and planning on board.



Time lost reaching people

Extensions identify rooms. Contacting a crew member takes hand-offs, waiting or walking.



Service evolution blocked

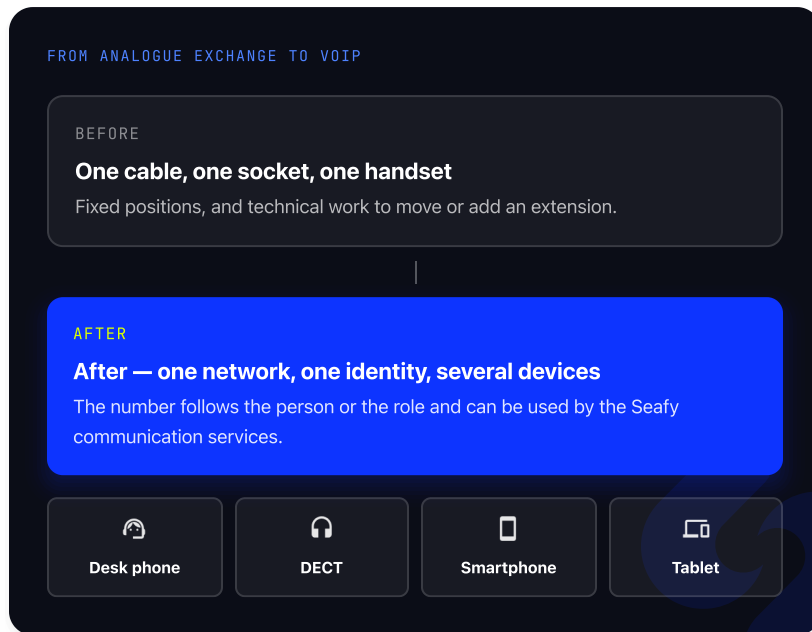
Without VoIP numbering, Push-to-Talk cannot be activated and new Seafy communication services are held back.

— HOW IT WORKS

The exchange becomes software. The number follows the person.

Seafy VoIP uses the IP network already on board and assigns numbers to people and roles rather than to positions alone. Desk phones, DECT handsets, smartphones and tablets all join the same numbering plan.

- ✓ Uses the IP network already on board
- ✓ Numbers tied to people and roles
- ✓ Fixed and mobile devices in one system



One numbering plan, configured for each ship.

Seafy designs, configures and manages the VoIP service on the IP network already on board. The fleet shares one numbering logic, adapted to the roles, departments and operational needs of each ship.

THE SERVICE

Telephony as a managed service

A software exchange on board, dedicated numbers for ships, roles and crew, and a telephone link to the shore offices.

- ✓ Calls between ships and offices included in the service
- ✓ Compatible with the phones and DECT handsets already installed

CONFIGURABLE

Designed around the fleet

We analyse each ship and define numbering, routing and permissions around its organisation.

- ✓ Numbers tied to roles and departments
- ✓ One common structure, adapted to each ship

MANAGED

Monitored and supported

The Seafy team runs the service remotely and comes on board when needed.

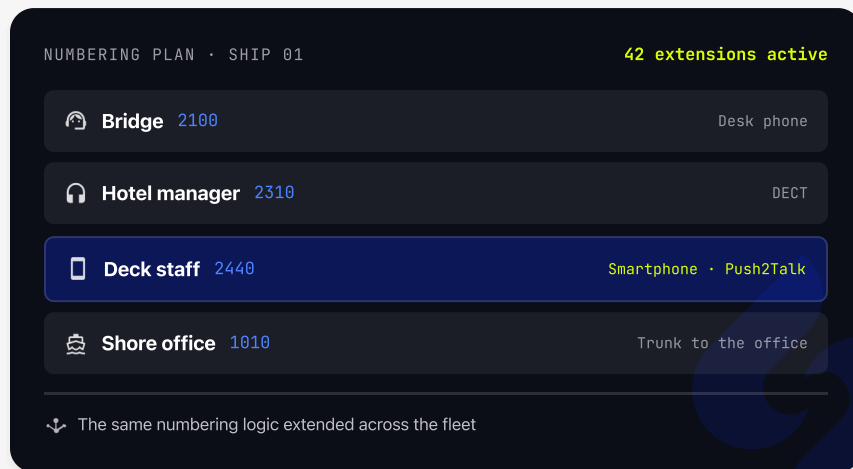
- ✓ Configuration changes handled remotely
- ✓ Availability and call quality monitored ship by ship

— HOW IT WORKS

Internal calls stay on board.

Calls between the ship's extensions are handled locally, with no satellite connectivity used and no per-minute charges. Communication between ships and towards shore follows the routing configured, using the connectivity available.

- ✓ Internal calls handled on the local network
- ✓ Ship-to-ship communication with no per-minute charges
- ✓ Voice traffic prioritised and routed automatically



— WHAT IT ENABLES

VoIP becomes the base of the communication services.

Seafy VoIP gives people, roles and departments a telephone identity. On that same numbering, Push2Talk, the hand-off of requests to an operator and targeted alarm delivery can all work.



Push2Talk

Instant voice between crew members, organised by role and channel through the VoIP identities.



Escalation to an operator

When a digital service needs a human, the platform knows which person or role to contact.



Alarms to the right role

Technical and operational alarms go to the people on shift, rather than to a generic position.

A complete service, from the exchange to the reporting.



Software exchange on board

It runs on the ship's IP network and handles internal calls locally, with no parallel telephone installation.



Fleet numbering

Dedicated numbers for ships, roles and departments, organised under rules common to the whole fleet.



Link to shore

Connection to the company offices and the public telephone network, through configured routing.



Mobile access and control

Clients for the crew's smartphones and tablets, with call monitoring and reporting per ship.

Lower cost and more services across the fleet.



Less usage-based cost

Internal and ship-to-ship calls generate no per-minute charges.



Configuration from shore

Extensions, routing and permissions are changed without touching the cabling.



People and roles reachable

Numbers follow roles and users across the enabled devices, making it easier to reach the right person.



One network infrastructure

Voice uses the onboard IP network, removing the need for a parallel telephone installation.



New services enabled

VoIP numbering enables Push2Talk and the other integrated Seafy communication services.



A standard shared across the fleet

The company applies shared rules while keeping configurations suited to each ship.

One partner for onboard network and telephony.



One technical owner

Seafy designs the telephony together with the network it runs on, with a complete view of the service.



Integration with what exists

We keep compatible phones and DECT handsets, reducing replacements and work on board.



Analysis ship by ship

We survey infrastructure, equipment and operational needs before defining the most suitable VoIP configuration.



Management after go-live

The Seafy team monitors and supports the service remotely, coming on board when needed and under the agreed SLAs.

— NEXT STEP

One pilot ship, one fleet standard.

We analyse the telephony and network already on board, define the numbering plan and activate Seafy VoIP with Push2Talk on a pilot ship. The configuration is verified in the field before the standard is extended to the rest of the fleet.

[Schedule a meeting](#)

[Request a preliminary analysis](#)