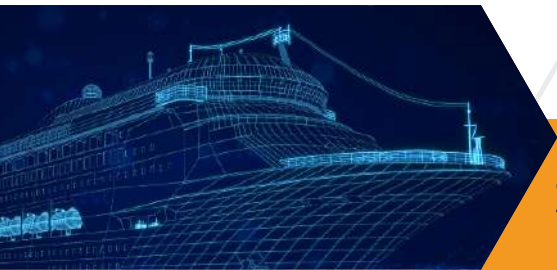## SEASTREAM

PORTSTREAM

SHIPBOOK

SATSTREAM

Master your fleet with our advanced Maritime solutions

With the Fifth Industrial Revolution looming, Sync Lab meets the needs of the Maritime Market by leveraging the over twenty years of experience as a System Integrator and operating in the sector through a specialized Division with a decade of expertise that offers advanced solutions for the Maritime industry.

Sync Lab solutions lead towards the adoption of new technologies and are designed to transform production systems and guide industry companies towards Digital Transformation. Through the use of network data and analytics, we support maximum efficiency for administrative, logistics, naval, terminal and port operations.

Sync Lab
Maritime

SHIPB○OK

Managing resources on board is essential to prevent maritime incidents. Crew, onboard technology, and environmental conditions must be effectively managed to prevent accidents.

ShipBook incorporates industry guidelines in the field of Bridge Resource Management (BRM), increasing navigation safety through improved communication and resource management on the Bridge and through the constant improvement of vessel performance with the most advanced ERM techniques.

The ShipBook suite is based on a cloud-based web application platform for the maritime sector, accessible from any device with a browser and internet connection, primarily aimed at implementing digital logbooks for the cruise and cargo sectors. With a focus on the Cruise and Cargo markets, the suite currently consists of two solutions: Cruise Book and Cargo Book.

Each of the suite's Books is implemented through a cloud-based web software platform, with the following main application components:

Ship application: Provides ship officers with all the necessary functionalities for daily operational activities. It ensures offline operation by storing information locally and synchronizing with the cloud when possible.

Cloud dashboard: A remote dashboard that allows the visualization of activities carried out on board.

SHIP🚢OOK
cruise

This is the solution of digital Log Books specifically designed for cruise ships. Currently, the solution consists of two digital Log Books, one for the bridge and the other for the engine room.
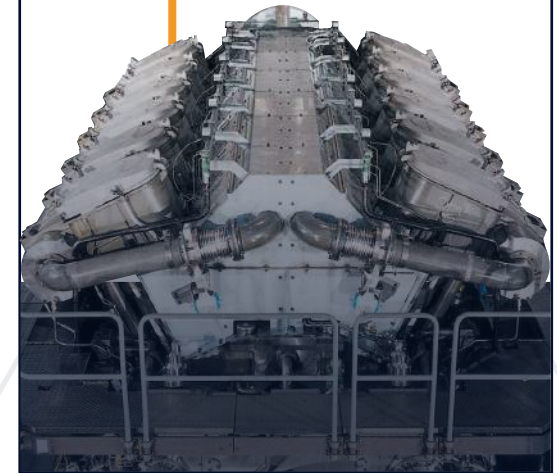
bridge**Book** cruise

- Manning level
- Bridge Status Board
- Bridge Book
- Master night order
- Left page (Two hours –
          Arrival - Departure –
          Noon Reports)
- Officer list
- Watch roster

engine**Book** cruise

- Manning level
- Engine Status Board
- Engine Book
- Chief engineer night order
- Watch Takeover
- Crew list
- Watch Roster

SHIP🚢OOK
cargo

It is a solution of custom-made digital Log Books for cargo ships. Currently, the solution consists of two digital log books, one for the bridge and one for the engine room.
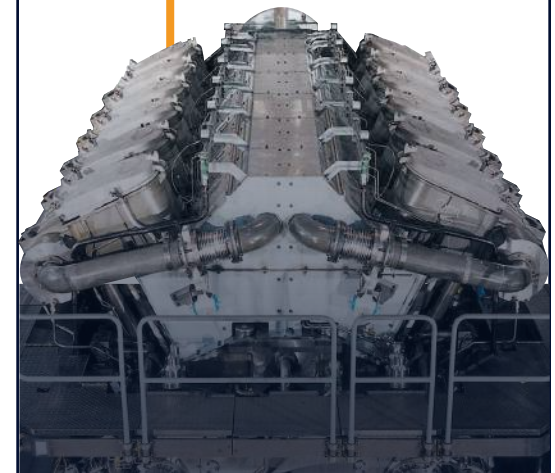
bridgeBook cargo

- Manning level
- Bridge Status Board
- Bridge Book
- Master night order
- Left page (Two hours – Arrival - Departure – Noon Reports)
- Officer list
- Watch roster

engineBook cargo

- Manning level
- Engine Status Board
- Engine Book
- Chief engineer night order
- Watch Takeover
- Crew list
- Watch Roster

Sync Lab
Maritime

bridge**Book**
cruise

The application complies with the industry guidelines in the field of Bridge Resource Management (BRM), an approach to enhance navigation safety through improved and more efficient management of communication and resources (human and technical) on the Bridge. The Cruise Bridge Book also implements one of the very first digital logbooks in the history of navigation, which uses a tablet as a tool for inputting events (entries and checklists) of the ship.

1 Recording of check lists and entries on the bridge

2 Double-entries approval: guard officer and captain

3 Setting of the manning level

4 Bridge status visualization

5 Report generation and distribution

6 Cloud data synchronization

7 Dashboard enabling remote visualization

Sync Lab
Maritime

Bridge Status Board

Manning Level

engineBook cruise

This application complies with industry guidelines in the context of Engine Room Resource Management (ERM), an approach to increase navigation safety through appropriate management of resources, equipment, and information in the Engine Room. In this sense, Cruise Engine Book can be considered a complete Engine Room Resource Management system.

1 Recording of check lists and entries

2 Entries & checklists approval: chief and officer

3 Watch takeover

4 Engine status visualization

5 Chief eng. night order

6 Cloud data synchronization

7 Dashboard enabling remote visualization

Sync Lab Maritime

Engine Status Board

Manning Level

bridgeBook cargo

The solution complies with industry guidelines in the context of Bridge Resource Management (BRM), which aims to increase navigation safety through better management of communication and watchkeeping resources on the Bridge.

Like Cruise, Cargo Bridge Book also implements one of the first digital ship's logs in the history of navigation, which uses a tablet as a tool for the Captain's annotations and allows real-time sharing of the log with designated shore personnel.

1 Recording of check lists and entries on the bridge

2 Double-entries approval: guard officer and captain

3 Setting of the manning level

4 Bridge status visualization

5 Report generation and distribution

6 Cloud data synchronization

7 Dashboard enabling remote visualization

Sync Lab Maritime

Manning Level

Ship Status

engine**Book**
cargo

This application complies with industry guidelines in the context of Engine Room Resource Management (ERM), an approach to increase navigation safety through appropriate management of resources, equipment, and information in the Engine Room.

1 Recording of check lists and entries

2 Entries & checklists approval: chief and officer

3 Watch takeover

4 Engine status visualization

5 Chief eng. night order

6 Cloud data synchronization

7 Dashboard enabling remote visualization

Sync Lab Maritime

Engine Status Board

Manning Level

SHIPBOOK