

# Create Connectivity Below deck



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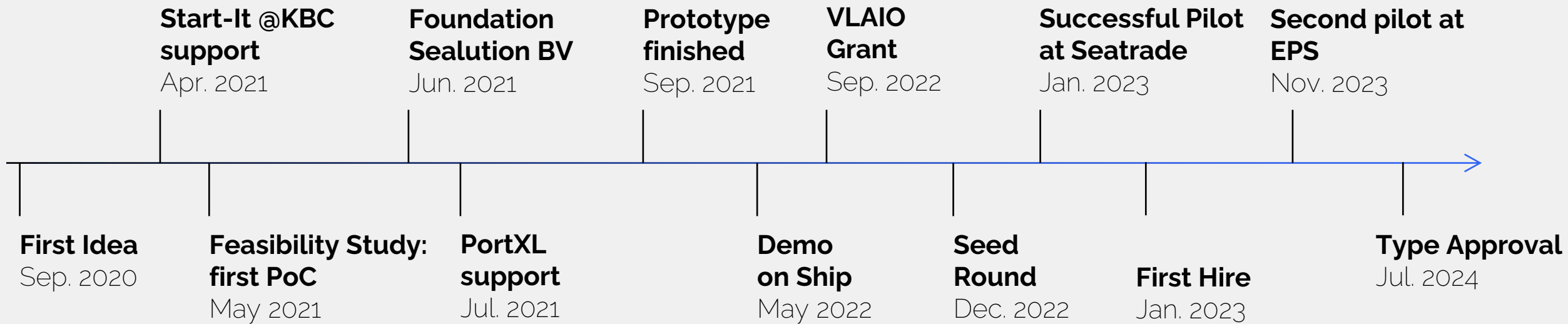


Create an IoT network  
on board of merchant vessels  
through connectivity below deck



**SEALUTION**

# The journey from idea to our first product



SEALUTION



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# Sealution team



**Sebastian Hamers**  
CEO

- Navigating officer Seatrade Reefer Chartering



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# September 2020

## First idea



**Hamers Sebastian**

Navigating officer Seatrade  
Reefer Chartering

- ❑ Lot of manual and time-consuming tasks to be performed by the crew
- ❑ Safety issues for crew members



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**Problem** for Maritime Sector

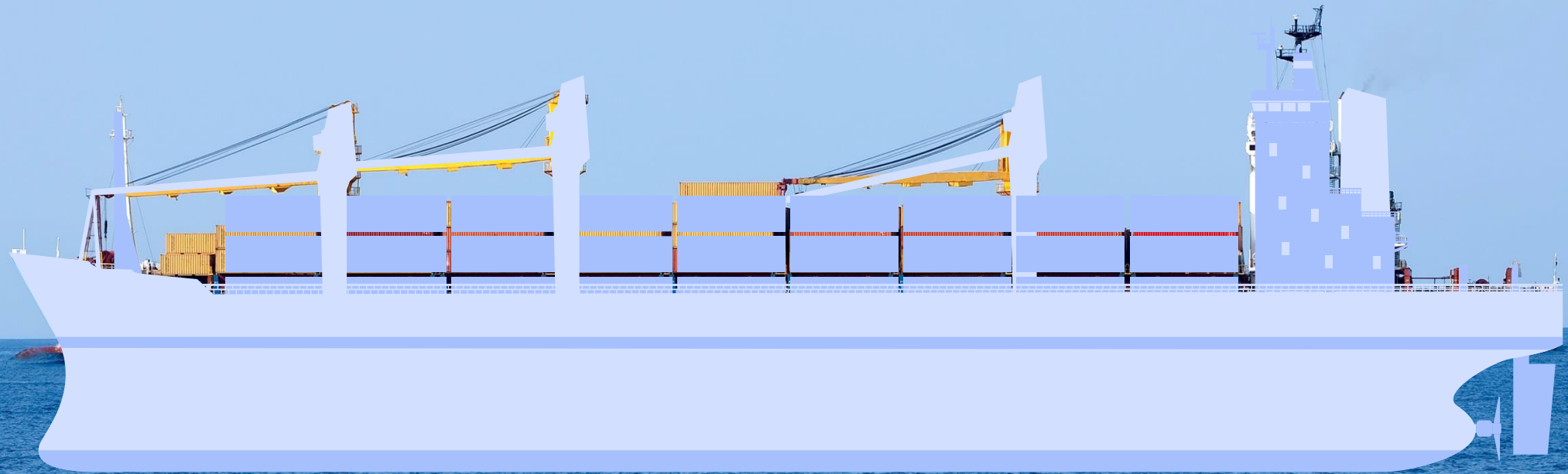


**Steel walls on merchant vessels**  
**= no connectivity**

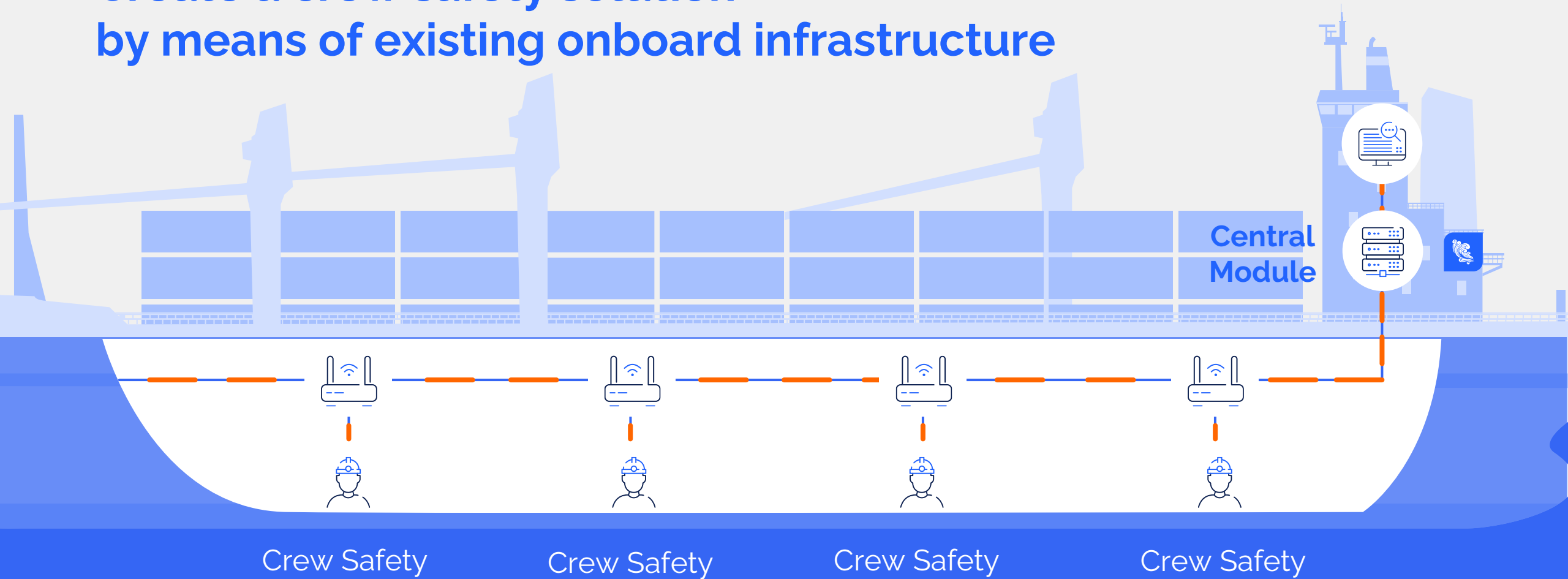




**Before Sealution:**  
**Connect (new) sensors below deck by**  
**means of (new) hardwire cabling**



# With Sealution patented technology: Create a crew safety solution by means of existing onboard infrastructure





# Crew Safety System (CSS)



- Geolocation u/d in case of emergency
- Panic Button: activation of a distress signal
- No-Movement / Man-Down: automatic alarm

CSS consists of 3 hardware components



IoT device: a smart bracelet



Gateway



Central Module



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# Sealution team



**Ruben Verplancke**  
CFO

- Investment Banking at Nomura and Perella Weinberg Partners



**Sebastian Hamers**  
CEO

- Navigating officer Seatrade Reefer Chartering



**Romeo Martens**  
CTO

- Master Electrical Engineering: Communication and Information Technology



**Gilles Montyne**  
Full stack Developer

- CCCP Graduate



**Anthony Vancauwenberghe**  
Back-End Developer

- Data Science & AI Graduate



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# Q1-Q2 2021

## First major milestones

- ❑ KBC Start-it
- ❑ Feasibility study by Dekimo
- ❑ Foundation of Sealution BV
- ❑ Port XL Rotterdam



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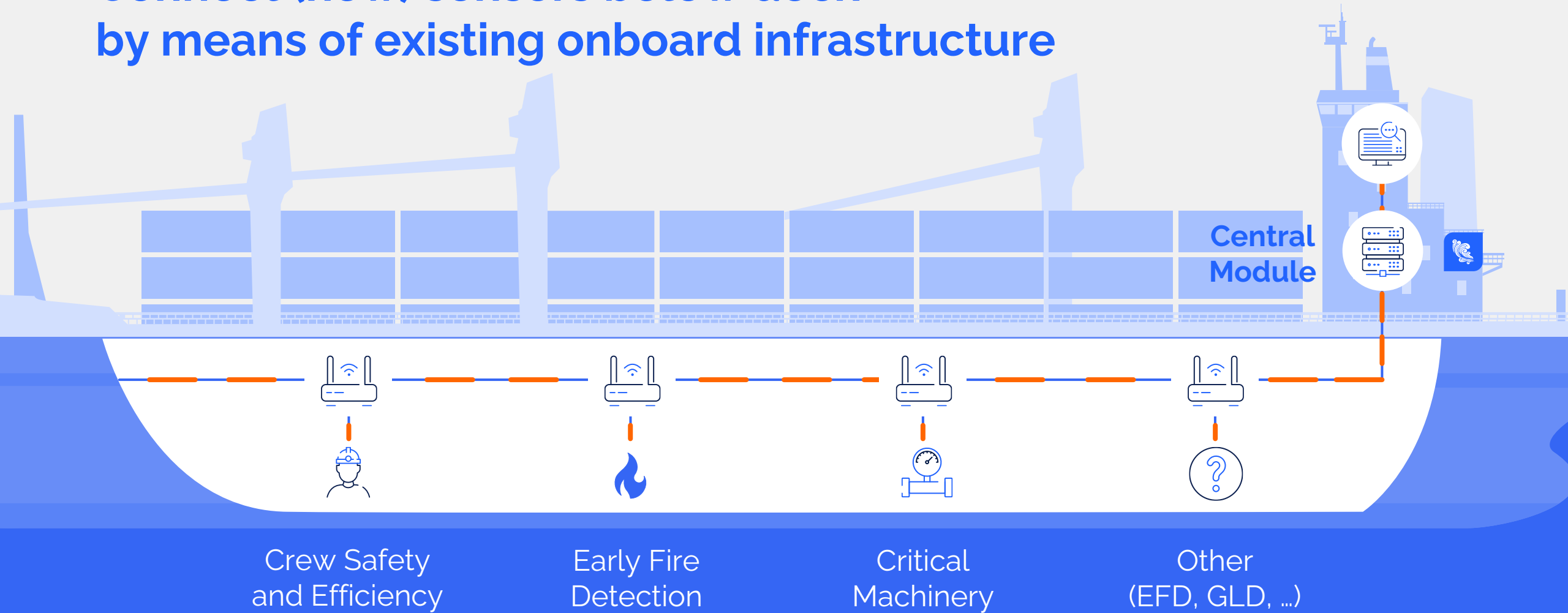
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# With Sealution patented technology: Create a crew safety solution by means of existing onboard infrastructure





# With Sealution patented technology: Connect (new) sensors below deck by means of existing onboard infrastructure



# Q4 2021 – Q2 2022

## First Prototype on Vessel

- ❑ Prototype Finished
- ❑ Demo on Ship



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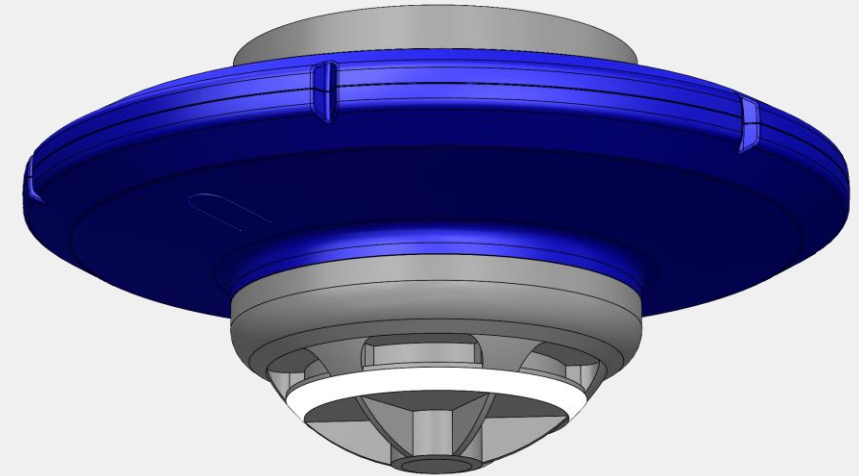
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**Q3 2022 – Q1 2023**

## **First Plug & Play Prototype on Sailing Vessel**

- ❑ Vlaio Grant
- ❑ Seed Round
- ❑ Pilot on Sailing Vessel



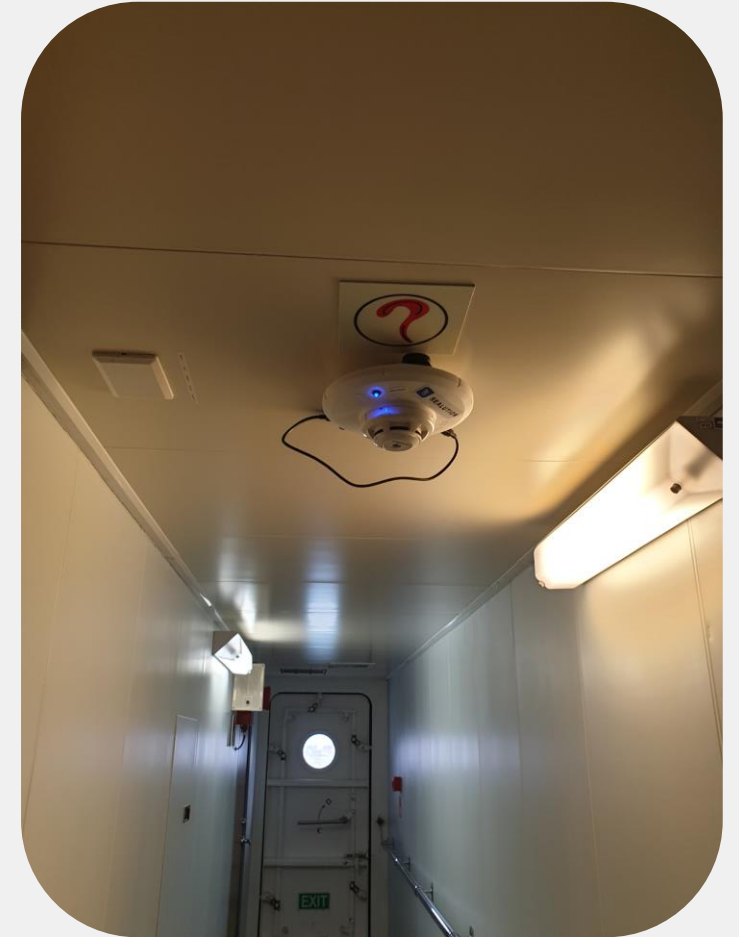
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# Q3 2022 – Q1 2023

## First Plug & Play Prototype on Sailing Vessel



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# Q1 2023: First Hire



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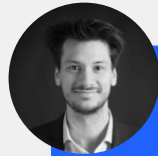
**Romeo Martens**  
CTO

- Master Electrical Engineering; Communication and Information Technology



**Gilles Montyne**  
Full stack Developer

- CCCP Graduate



**Anthony Vancauwenberghe**  
Back-End Developer

- Data Science & AI Graduate



**Peter Vuylsteke**  
Head of Business Development

- MSc. in Maritime Science, with 29 years senior-level experience in Operations at Hapag-Lloyd AG



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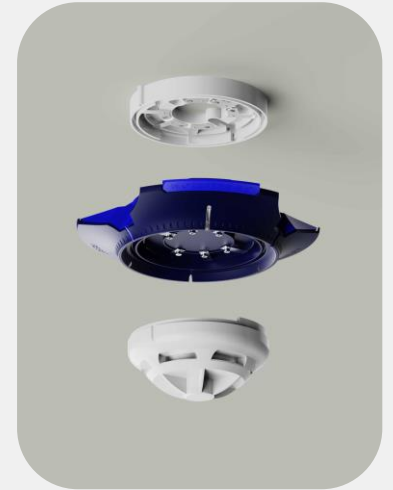
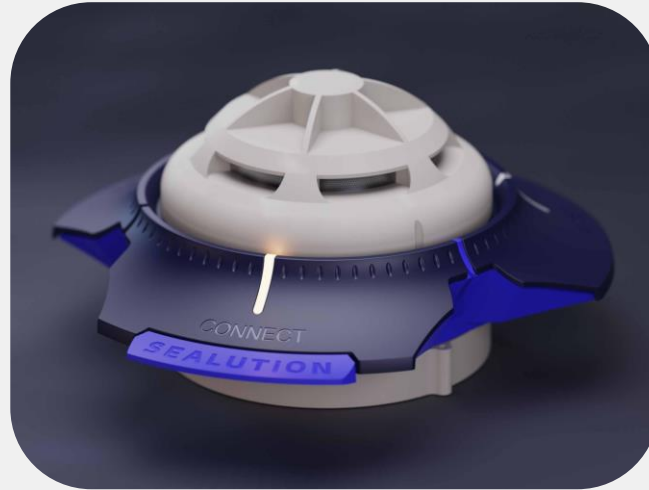
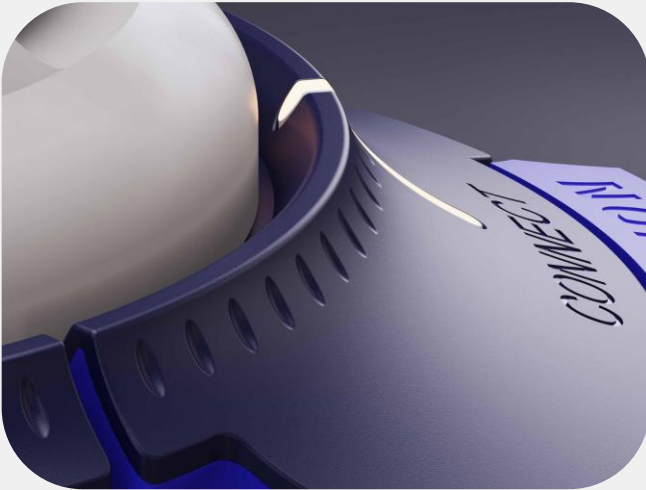


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**Q2 2023 – Q4 2023**

## **Final Prototype on Sailing Vessel**



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# Q2 2023 – Q4 2023

## Final Prototype on Sailing Vessel



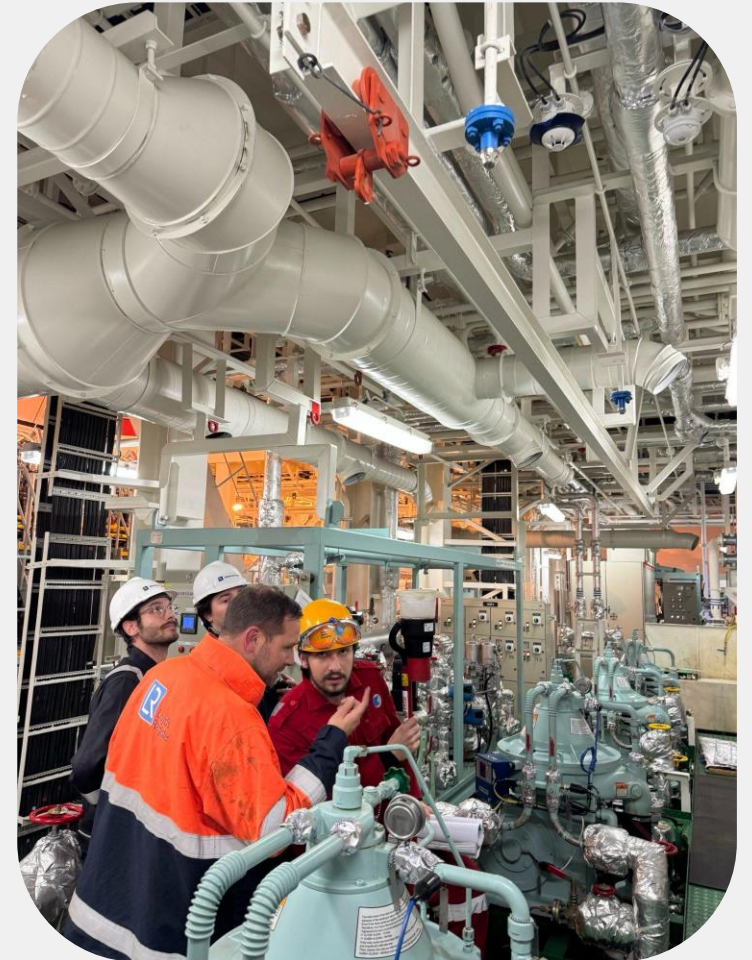
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# Type Approval

- ❑ No effects on the Fire Detection System
- ❑ Compliance with Safety Standards



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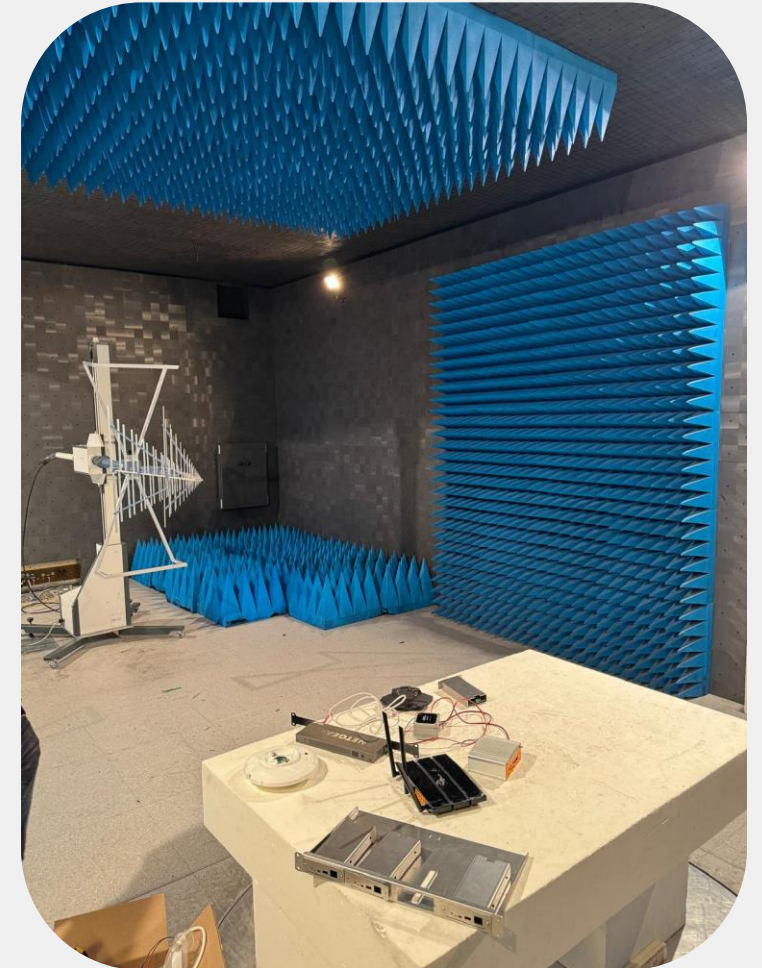


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# Type Approval

- ❑ No effects on the Fire Detection System
- ❑ Compliance with Safety Standards
- ❑ EMC and other Tests

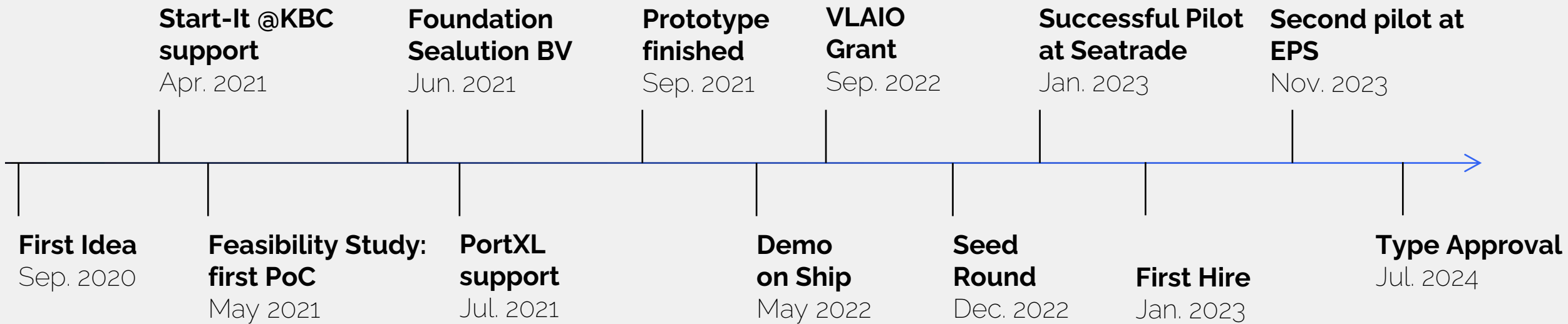


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# The journey from idea to our first product



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# The journey from idea to our first product



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# SEALUTION

Unlock.  
Connect.  
Evolve.





# SEALUTION

THE SEA  
IS  
THE LIMIT.

techstars\_

**PORTXL**  
world port accelerator



**PLUGANDPLAY**

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