



ONBOARD

Transforming Maritime Operations with **OtterBox Defender Series**

LOCATION

The Netherlands

SECTOR

Maritime Technology

KEY CHALLENGES

- Potential costly damage to technology onboard unpredictable naval environments.
- Low quality cases failing to provide long-term protection.
- Protection solutions that were not keeping up with device developments and upgrades.

OTTERBOX SOLUTION

Defender Series

ORGANISATION BENEFITS

- Ability to deploy cases across different maritime settings.
- Enables device use in a tough environment.
- User-friendly installation reduces set-up times and streamlines tech integration onboard

“

You give an OtterBox case to the crew on the ship, and they say: ‘Okay, this can withstand the environment we have.’

- Erwin Strik, Onboard

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THE CHALLENGE:

Erwin Strik, the Co-Founder of Onboard, set out on a mission to build a smart, connected way to transform how maritime businesses operate. Onboard was created to confront unique challenges facing the maritime industry, by developing an IoT Platform and Applications, such as Digital Logbook, to support the industry in the gathering of the vessel sensor data and connecting the crew with this data via Onboard API to office applications.

A significant obstacle was finding robust solutions to protect devices in diverse areas of the ship - such as engine rooms, bridges, and external platforms. These devices face harsh conditions onboard, including high winds, rough seas, and constant vibrations. Devices need to be safeguarded to ensure uninterrupted operation for seamless communication between communication protocols.

Previous protection solutions failed to meet the required quality standards. These cases could not withstand the rugged maritime environment, leading Onboard to search for a more reliable alternative.



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THE SOLUTION:

Erwin found that most tablet cases on the market were designed to meet the needs of office workers or general consumers. Onboard's specific need was for a ruggedised, robust sleeve with integrated screen protector. And in 2017, Onboard discovered OtterBox Defender Series cases.

Designed for extreme durability, the Defender Series offers sturdy protection necessary for tablets used in critical ship areas.

Key benefits included:

- **Ease of use:** The multi-position stand enables comfortable typing, media viewing, portrait interaction and landscape streaming. In addition, it is compatible with RAM mounts commonly used on ships.
- **Durability:** Able to withstand harsh conditions, including rough seas, constant movement, and agitation.
- **Robust protection:** Devices remained safe even during significant impacts, such as falling from platforms or being subjected to constant movement on the waves.

Conclusion:

Since adopting OtterBox, Onboard has deployed approximately 50 devices annually, each equipped with OtterBox cases. These cases have enabled uninterrupted communication and efficiency on ships. For Onboard, rugged solutions like OtterBox make smooth sailing possible.

Defender^{Series}

