ocean industries concept lab

Arkitektur- og designhøgskolen i Oslo
The Oslo School of Architecture and Design

Multidisiplinary design research

Focus on:
Industrial and interaction design

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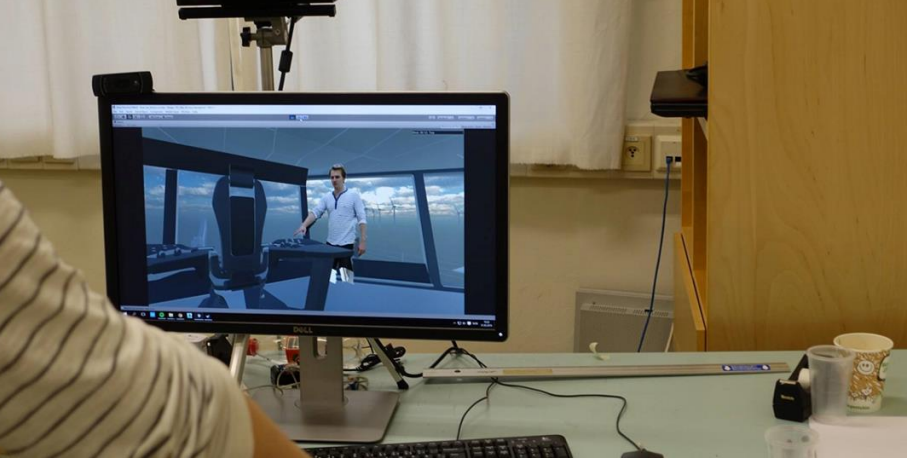
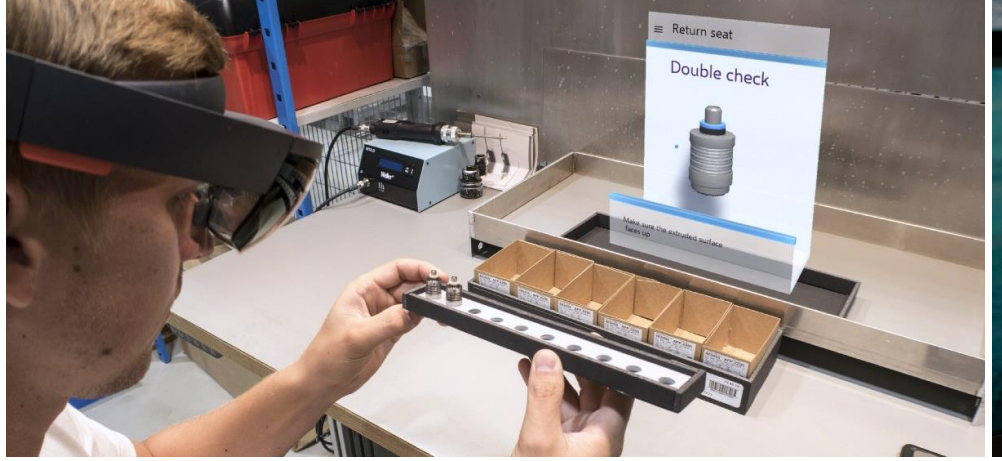
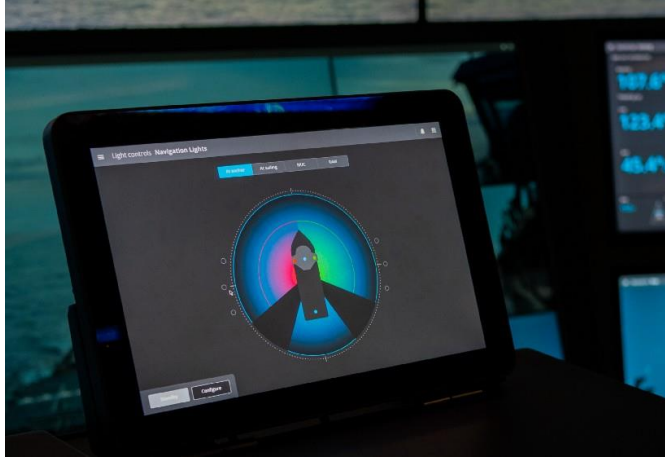
SEDNA

The SEDNA project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 723526.




Return seat
Double check


Light controls Navigation Lights

How can we achieve harmonized design across multi-vendor remote operation centers?

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STAHL
DNV
Halogen
VARD
a Fincantieri company
KONGSBERG
Sjøfartsdirektoratet
Norwegian Maritime Authority
norwegian electric systems
MARITIME ROBOTICS
SKIPPER
KYSTVERKET
SINTEF
OCEAN
NTNU
Kunnskap for en bedre verden
massterly
Lloyd's Register
FUGRO
ISN
SEAM
MT
BRUNVOLL
KRISO

An **open platform for multi-vendor RMW user interface design**

For realizing cross industry harmonised and user-friendly design of **remote maritime workstations**

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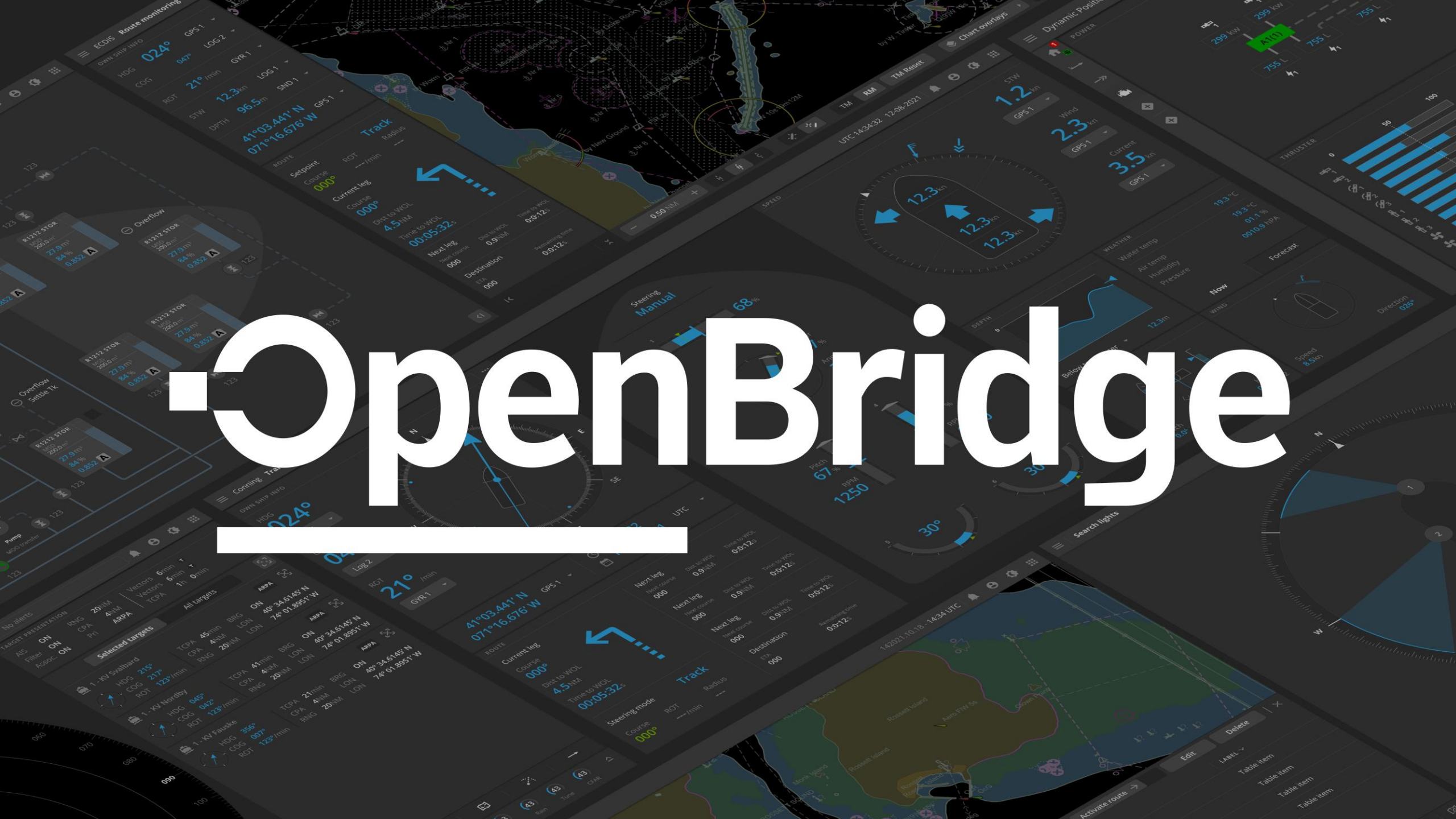
OpenBridge

AHO
Arkitektur- og designhøgskolen i Oslo
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SINTEF

USN
Universitetet
i Sørøst-Norge

ITS
NORWAY

FURUNO

KONGSBERG

Lloyd's
Register

HATTELAND
TECHNOLOGY

BRUNVOLL

norwegian
electric systems

NAVTOR

lilaas

MT
Marine Technologies LLC

MARITIME
ROBOTICS

SKIPPER

NORTEK

W
Wilhelmsen

NSOF
1995

ProNav

WESTCON
POWER & AUTOMATION

STAHL
TRANBERG

VARD
a Fincantieri company

KWANT CONTROLS
sneek-holland

Sjøfartsdirektoratet
Norwegian Maritime Authority

KYSTVERKET

About
Getting started
Regulations

User interface patterns
- Application
- Widgets
- Settings
- Vendor menu

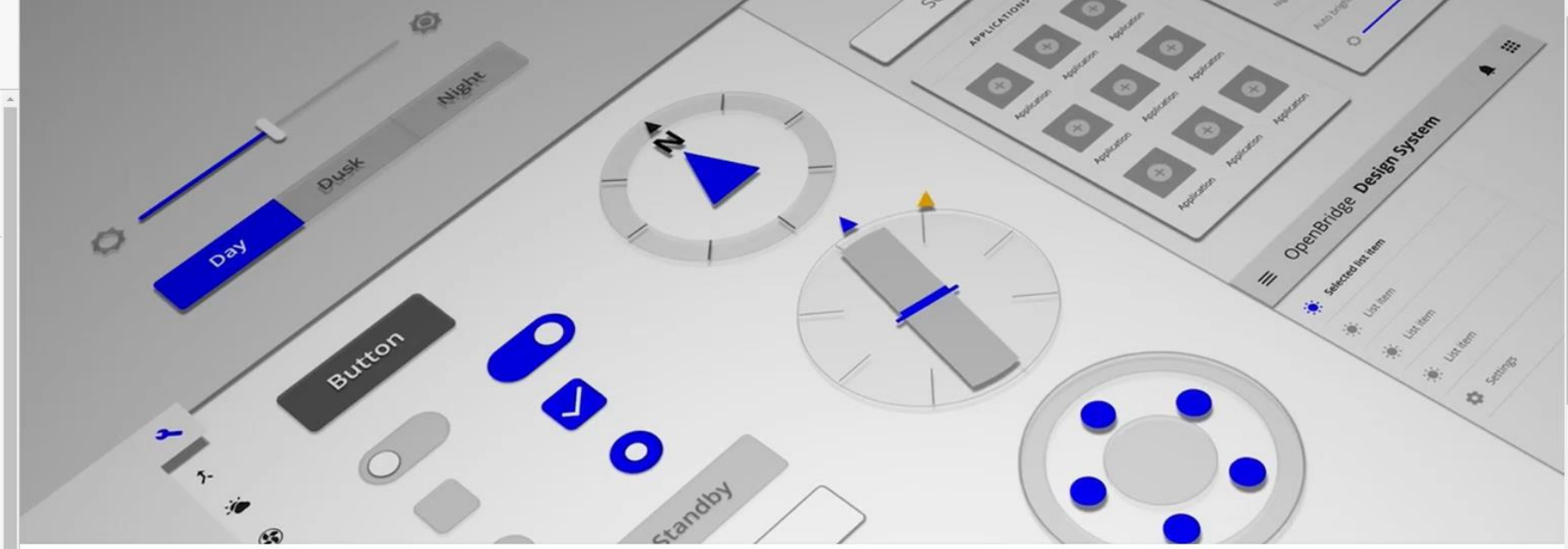
Palette
- Typography
- Colors
- Styles

Components
- UI components
- Navigation components
- Alert components
- Maritime components

Icons

Sizing

Case studies
- Application cases
- Widget cases

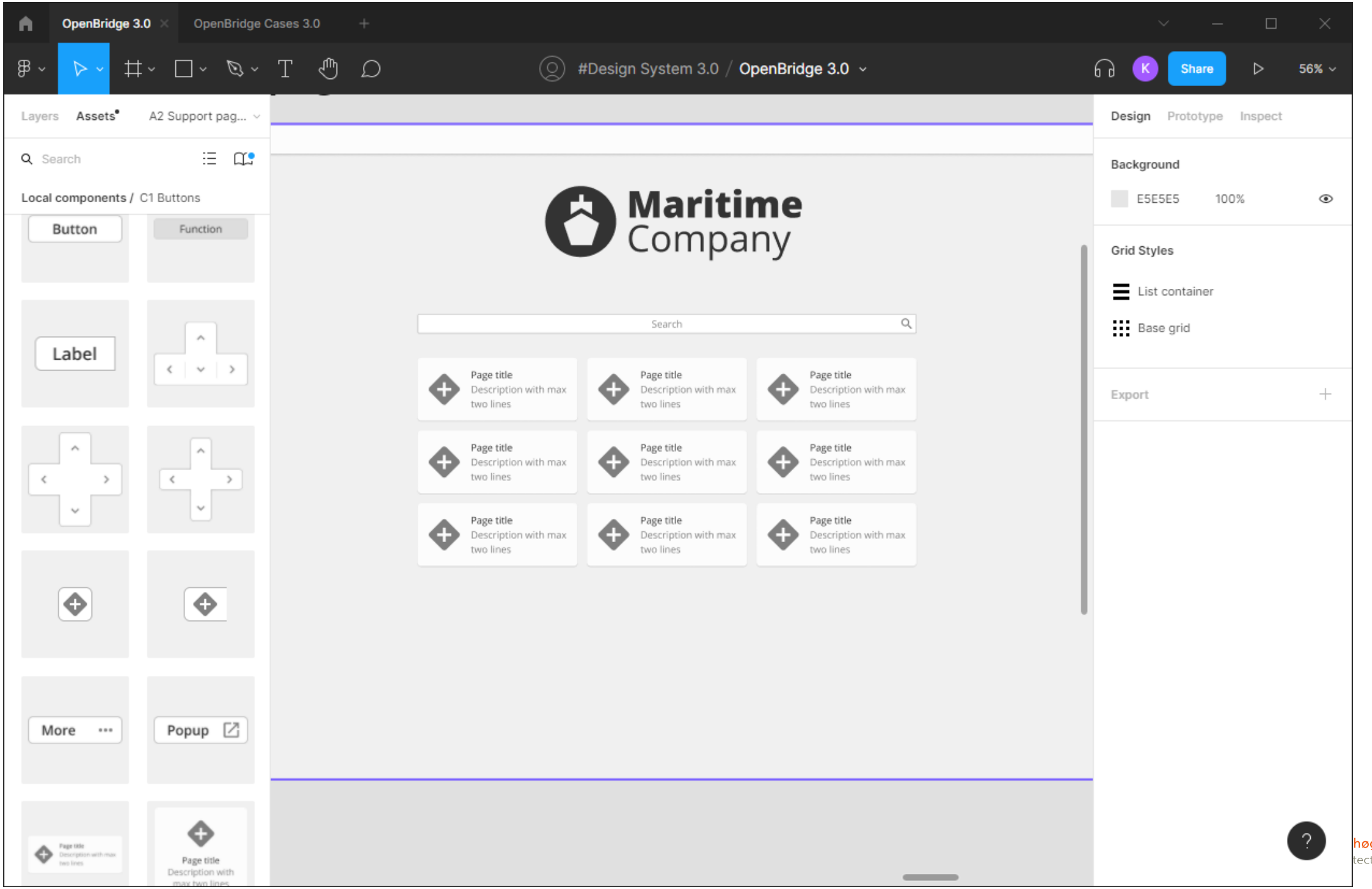


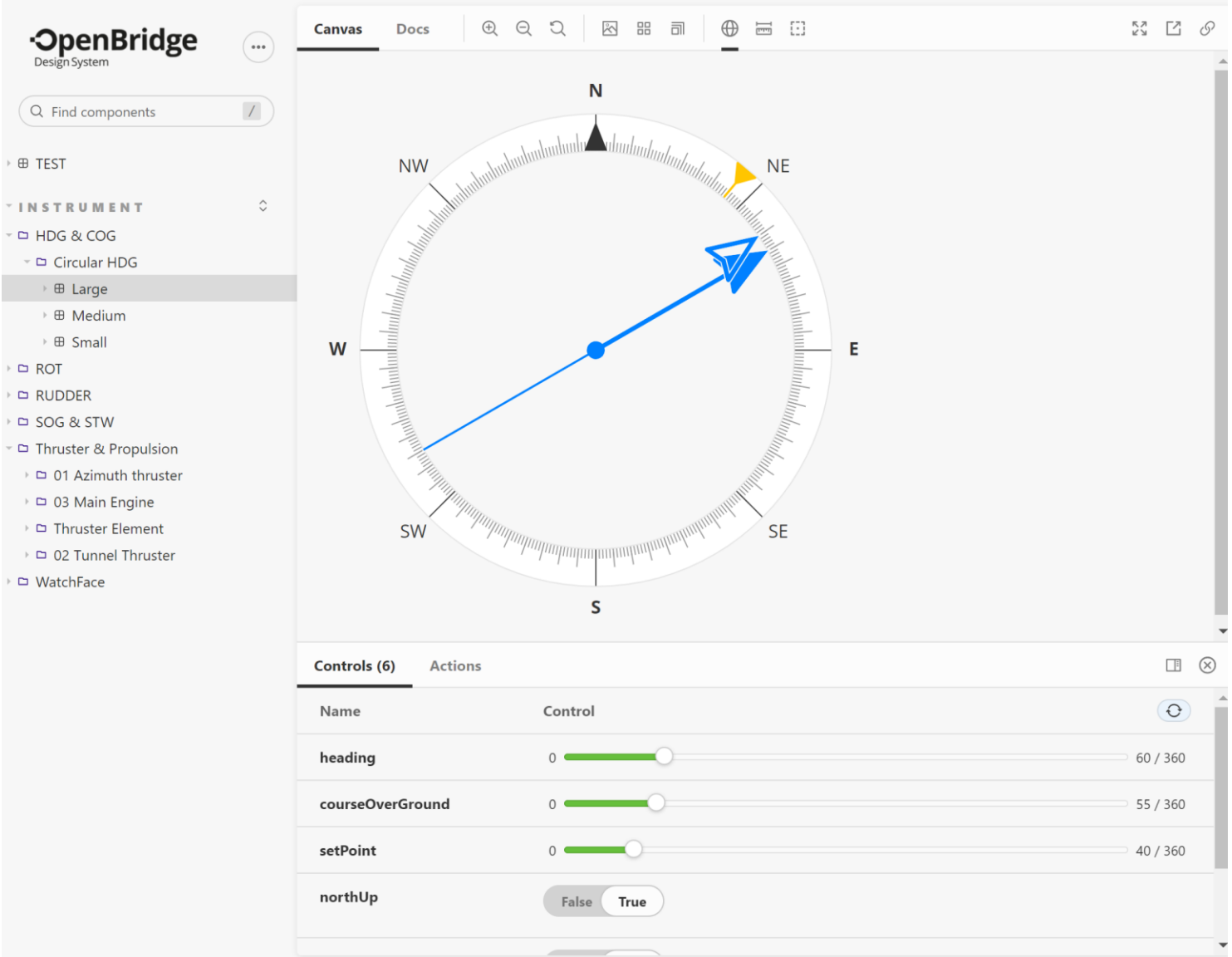
OpenBridge
Design Guideline

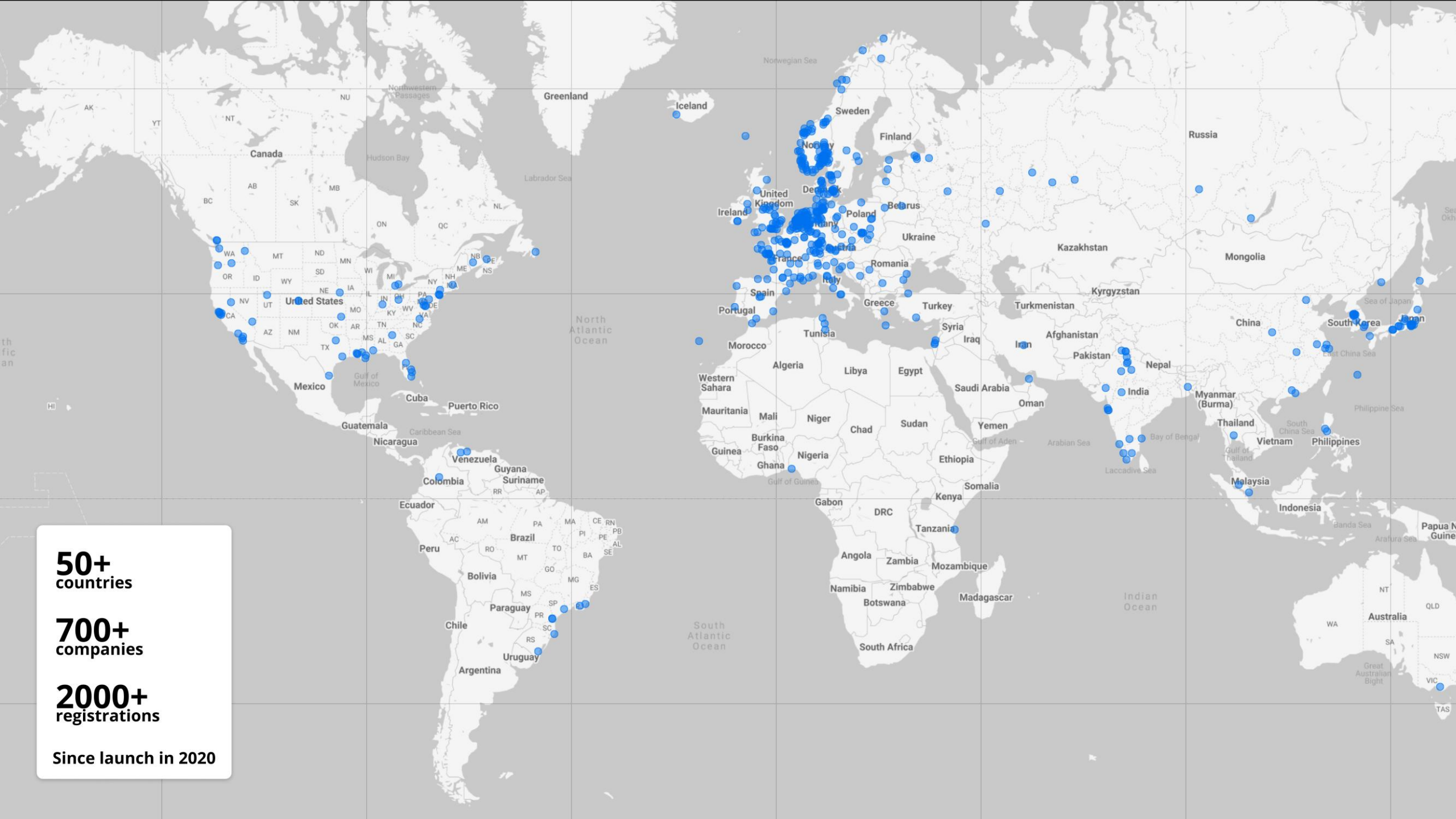
A free resource for design of safe, user friendly and modern maritime workplaces.

Get started

Latest updates


OpenBridge 3.0
OpenBridge Cases 3.0
#Design System 3.0 / OpenBridge 3.0
Share
56%
Layers
Assets
A2 Support pag...
Search
Local components / C1 Buttons
Button
Function
Label
More
Popup
Page title
Description with max two lines
Maritime
Company
Search
Design
Prototype
Inspect
Background
E5E5E5
100%
Grid Styles
List container
Base grid
Export


OpenBridge
Design System
Find components
TEST
INSTRUMENT
HDG & COG
Circular HDG
Large
Medium
Small
ROT
RUDDER
SOG & STW
Thruster & Propulsion
01 Azimuth thruster
03 Main Engine
Thruster Element
02 Tunnel Thruster
WatchFace
Canvas
Docs
N
NE
E
SE
S
SW
W
NW
Controls (6)
Actions
Name
Control
heading
0
60 / 360
courseOverGround
0
55 / 360
setPoint
0
40 / 360
northUp
False
True



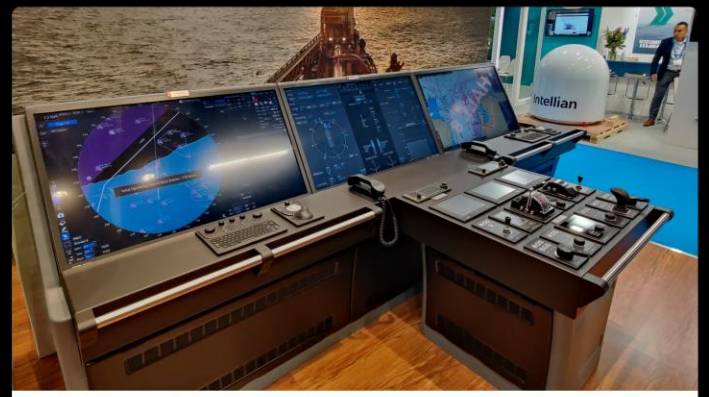
50+
countries

700+
companies

2000+
registrations

Since launch in 2020

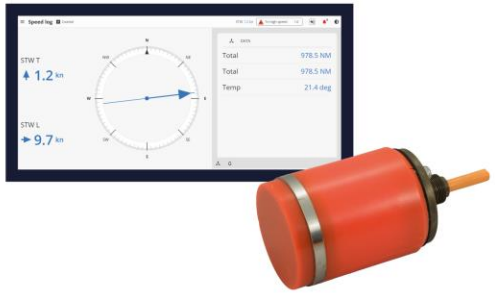
BRUNVOLL



ALPHATRON

lilaas®

bachmann.

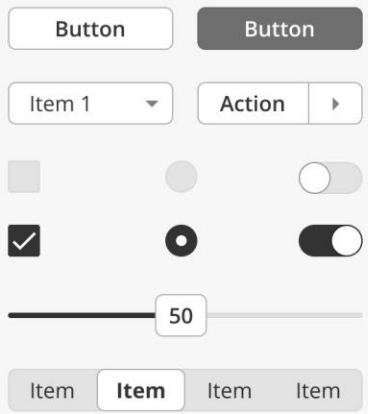


SKIPPER

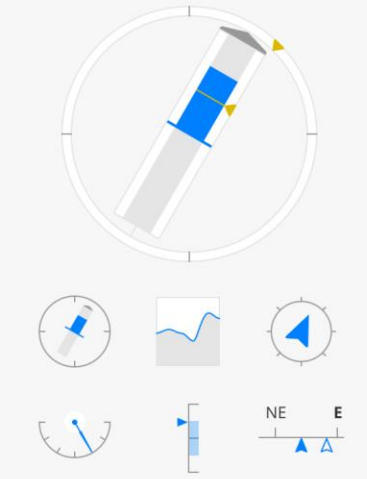
MORILD
INTERAKTIV

From OpenBridge to OpenRemote

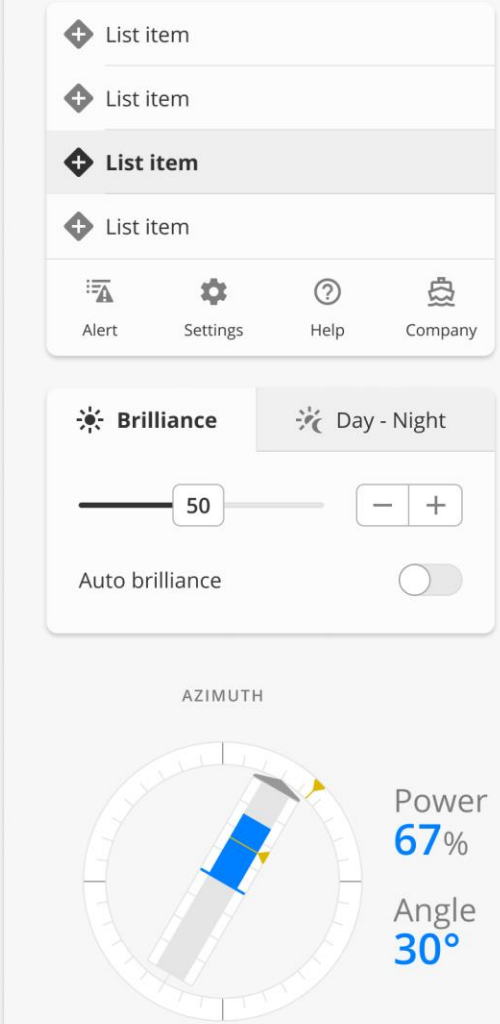
OpenBridge Structure



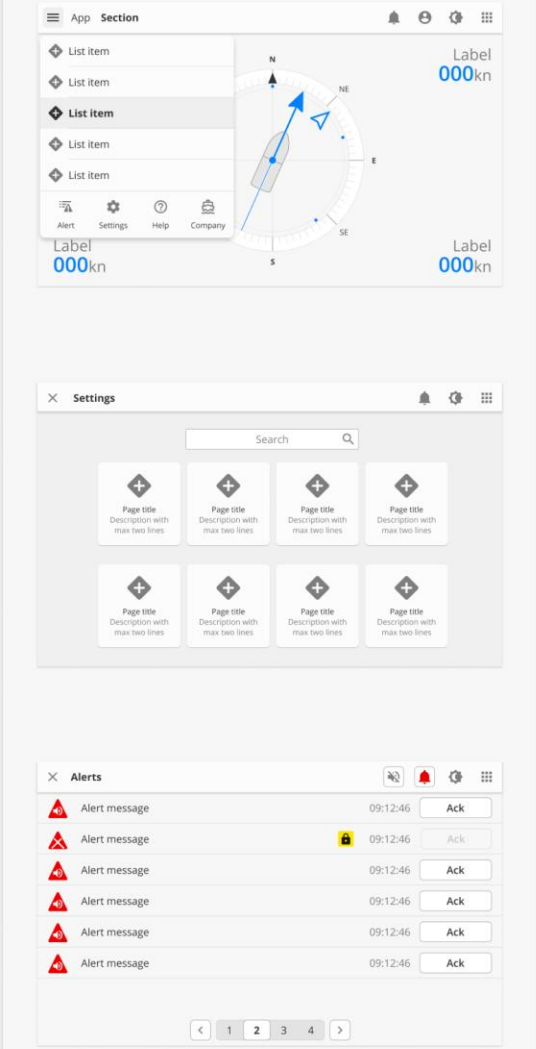
UI COMPONENTS



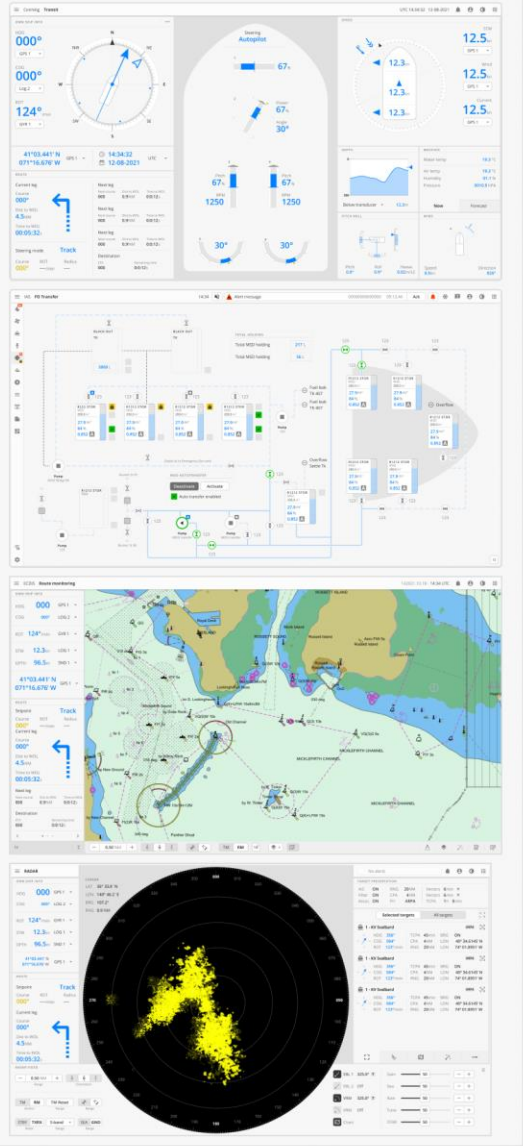
INFORMATION COMPONENTS



NESTED COMPONENTS



DESIGN PATTERNS



CASES

Fire alarm
Acknowledge alert
Alert control
Brightness
Dimming control
Palette

107.6°
123.4°
45.4°/min
Norway
Denmark
SEAQ

Sea Tel
COBHAM

Captain
6 Fauske 318°
5 Frydenberg 112°
4 Gernez 063°
3 Nordby 193°
Deck worker

Expanding Upon OpenBridge

- Distributed situational awareness **(DSA)**
- Human automation interaction **(HAI)**

A common design system on-ship and on-land

www.oicl.no

www.openbridge.no

OpenZero

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