



# Seasight Group

# Group Structure



**250  
Medarbejdere  
27 lærlinge &  
uddannelses  
aftaler**

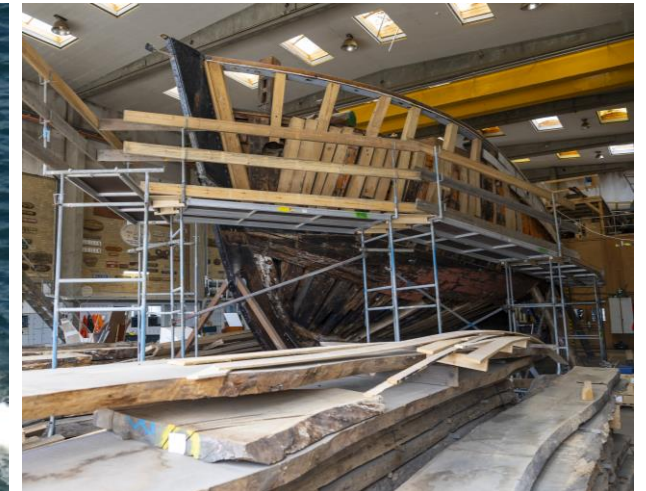


...e kunder  
...se medarbej  
...være sjov

# Seasight Group



# Hvide Sande Shipyard

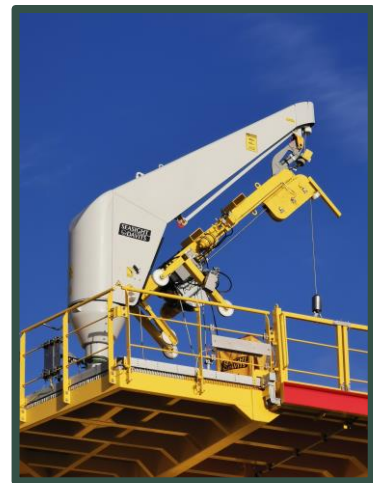
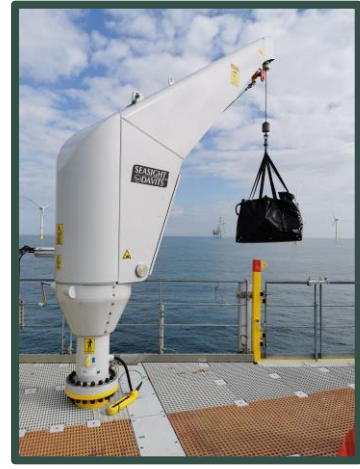
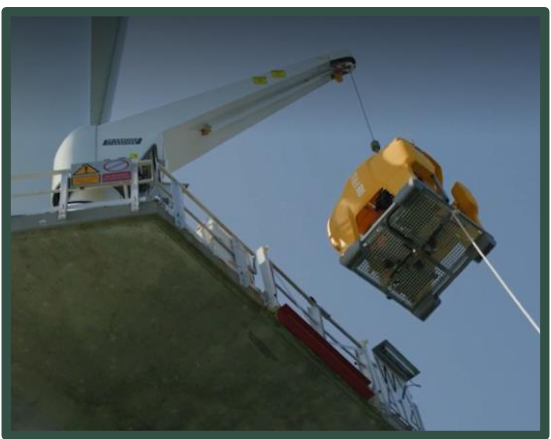


# Seasight Davits

Crane supplier for the offshore wind industry



# Seasight Davits - experienced davit crane supplier



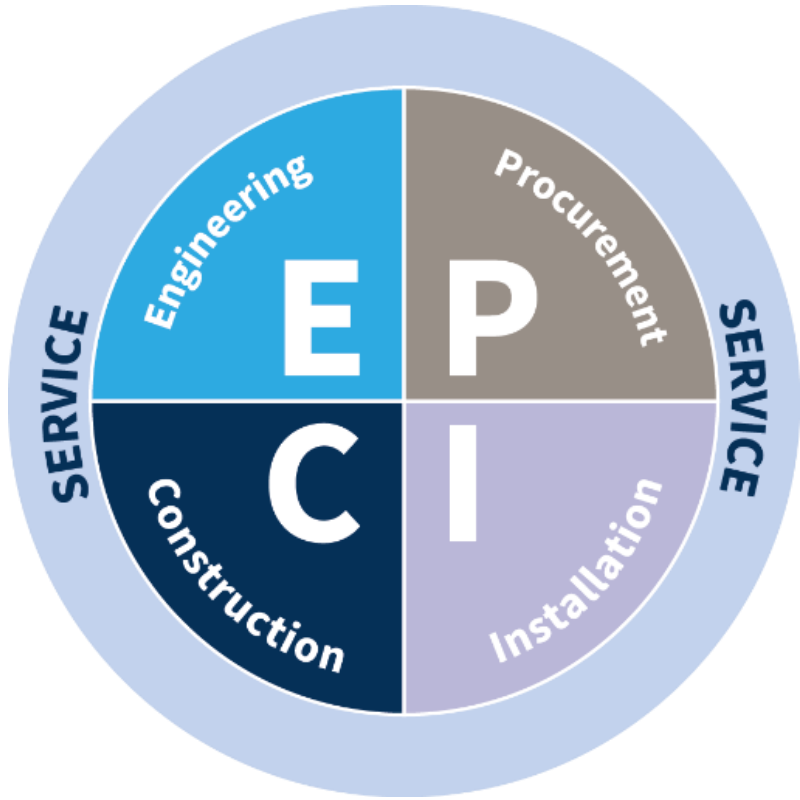


Track Record  
2.883 cranes / 53 projects



**Advanced customized  
solutions  
- and excellent service**



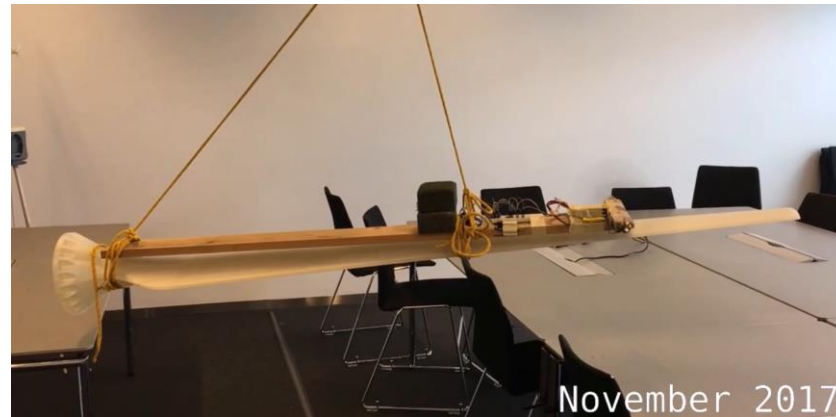




# APS, Autonomous positioning system

This system is developed at Seasight Solutions for safe and easy positioning of components lifted by cranes.





## Historie

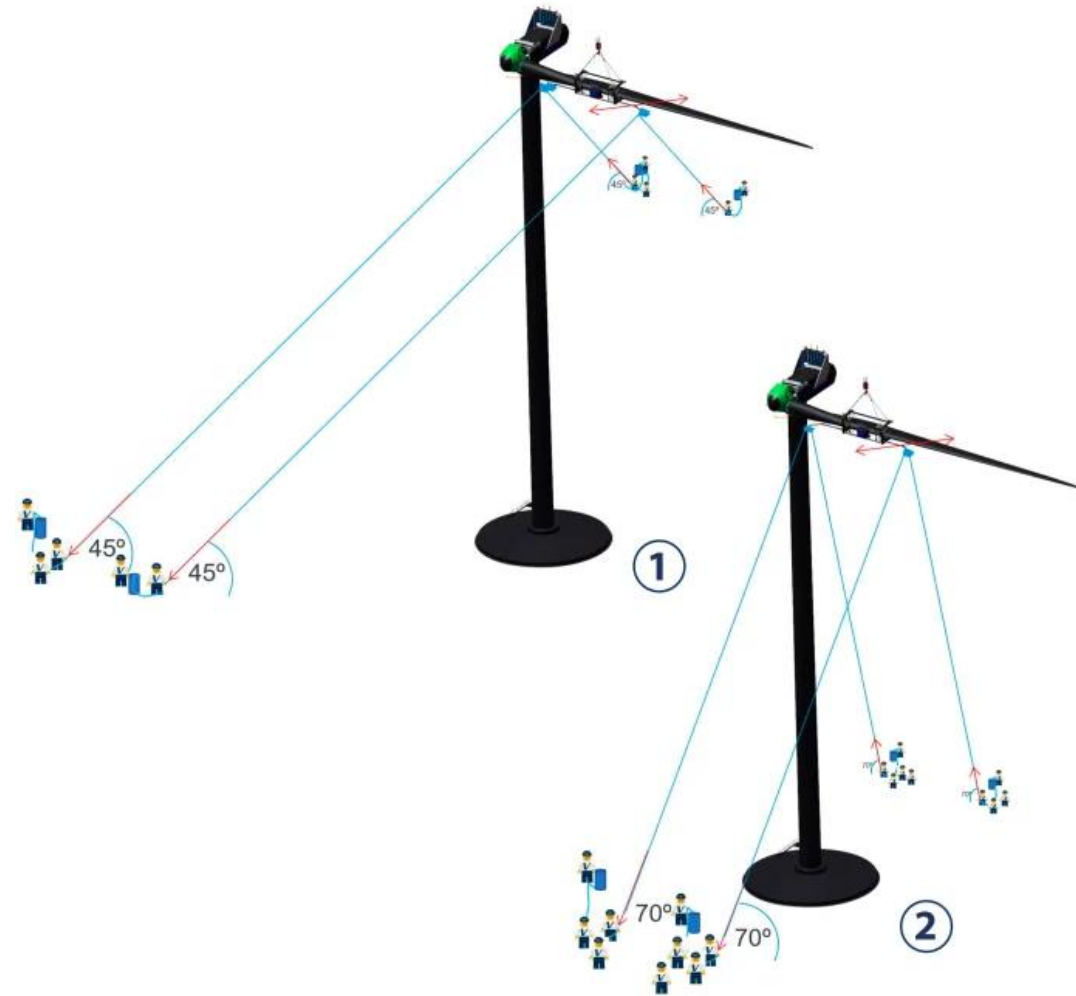
- Proof of concept, Vestas
  - 2017 – 2018
- Prototype, Seasight Solutions (MK0)
  - 2019
- Første batch, MK1 Seasight Solutions
  - 2020
- Vi har over 60 systemer i marken
  - 2023
- De 5 største OEM'er i Vindindustrien bruger systemet i dag



# Hvad bruges systemet til



# Tagline system

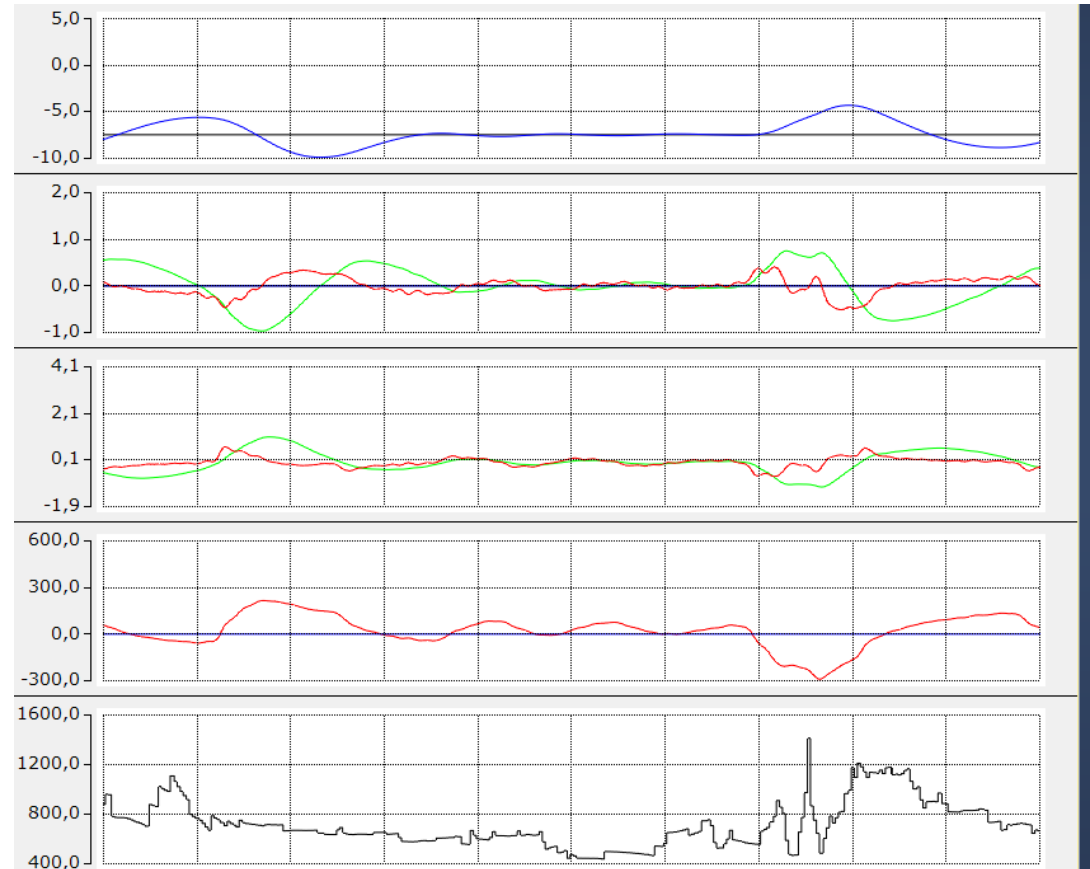
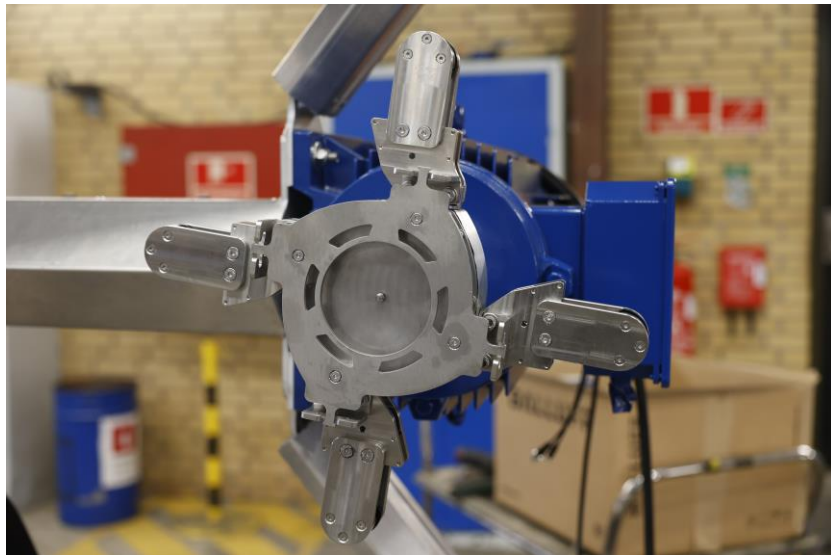




# Technology and use.

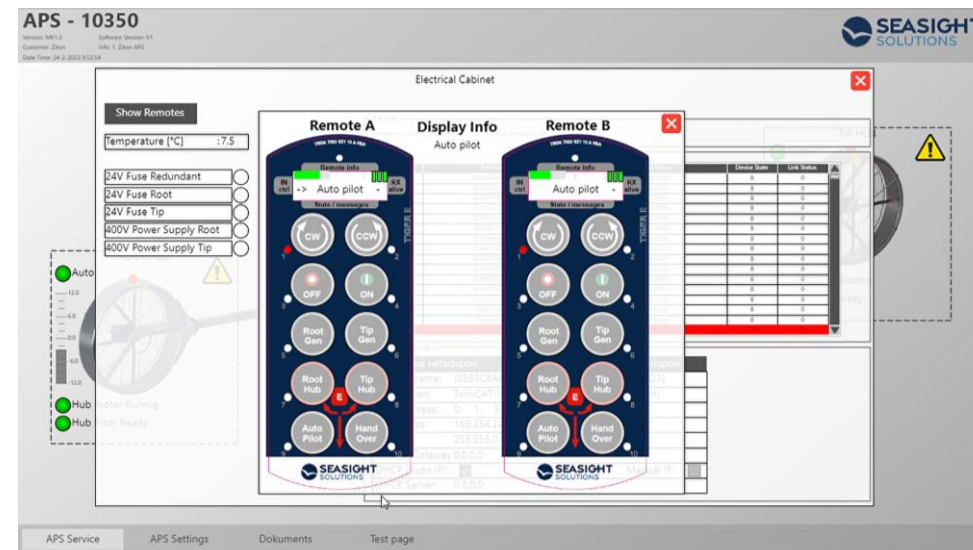
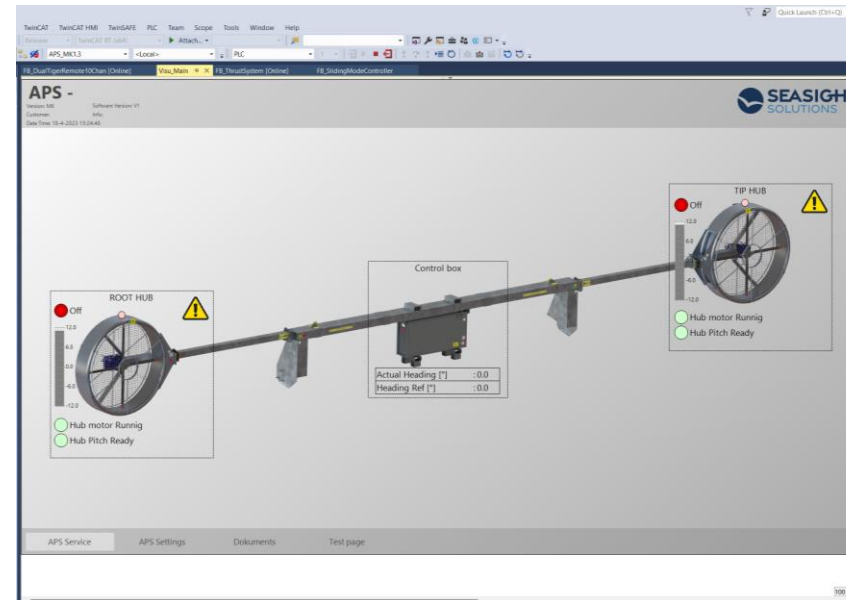
Manuel mode

Automatic mode



# Teknologi

- Automode
  - Mister fjernbetjeningen forbindelse til APS'en, går reguleringen i automode
- Redundans
  - På forsyninger og vitale dele
  - Ved udfald af en HUB vil den efterspurgte trust leveres af den tilbage værende HUB
- Secomea for remote service (VPN)
  - Vi kan tilgå vores systemer world wide for service, problemløsning og data indsamling



## Fordele ved systemet



Mindre personel, en mand på jorden og en mand i Nacellen

Mindre hardstand, mindre impact på natur, lokalekosystemer biodiversitet, stor besparelse ved anlæggelse

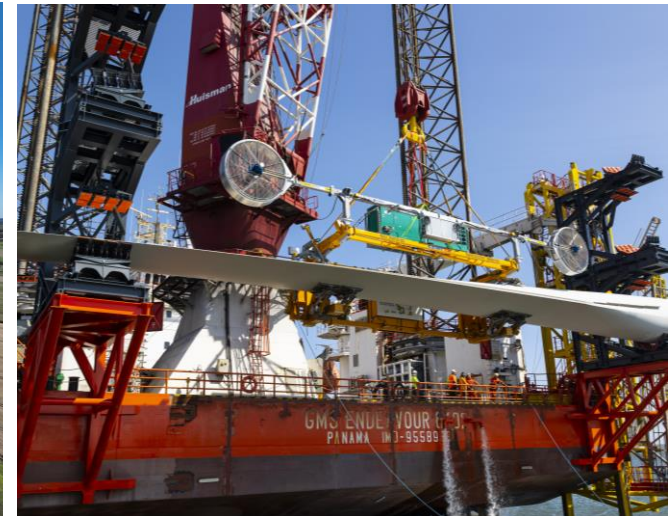
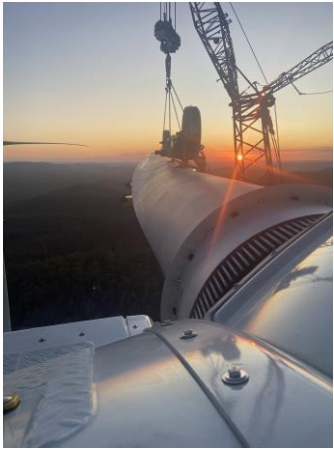
Taglines, er ikke anvendelige på bjergsider, kuperet terræn, motorveje, tåge og dårlige vejrforhold såsom sne

Effektivitet, større vejrvindue for montage

- Opsætning i højere vindhastigheder
- Tidsbesparende ved installation

Sikkerhed, fuldkontrol over byrde, færre arbejdsskader mm. for tagline personel samt mindre personel på hardstands under installation.





# Q & A

