

# MAN Alpha Propeller

✓ Basic-Package

## What is in it?



### Prevent maneuvering issues

- By monitoring **operation of pitch feedback**
- By comparison **pitch command** supported by pressure transmitter



### Optimize fuel consumption

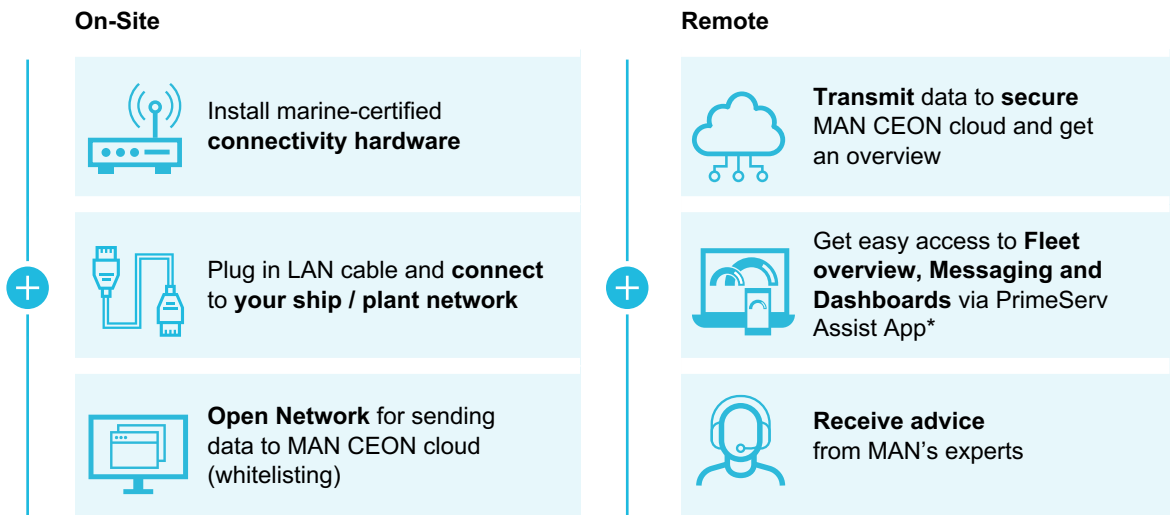
- By monitoring **propulsion system performance** (e.g. propulsion system is operating outside the design conditions)
- By adapting the system according to changing operational profiles



### Reduce wear down of the hub

- By detecting increases in servo oil pressure over time to avoid **stuck propeller blades**
- By monitoring **pitch controller** performing correctly
- Comparison of different operational values (e.g. rpm)
- By monitoring pressure before and after filter

## How to use it?



\*Available for Web-Browser and Android / IOS Smartphones.

## Who can use it?

- Available for MAN Alpha propeller types with AT3000 propulsion control system\*
- Permanent internet connection to ensure near real time data transmission
- Specific PrimeServ Assist Basic-Package service scope might vary due to available sensor signal scope

\*For final technical validation of connectivity configuration, documentation of the actual installed components on all engine control cabinets needs to be shared.

For further information, please visit:

[www.man-es.com/services/strategic-expertise/digitalization](http://www.man-es.com/services/strategic-expertise/digitalization) or contact your local IGC contact via [www.man-es.com/locationfinder](http://www.man-es.com/locationfinder)

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