

## REFIT AND UPGRADE ELECTRICAL REMOTE CONTROLS AND VISUALIZATION SYSTEMS



# Refit and upgrade – engine remote control, alarm and monitoring

Electrical components replacing pneumatic systems are finding their way into marine technology. These components are reliable and preserve the vessel's value permanently. The vessel's classification is maintained due to our certified components. Upgrade your vessel to state-of-the-art technology.

## Technology changes

Technology advances during a vessel's life cycle. But it is possible to upgrade the installed technology with new devices. There are many possibilities to update your electrical system and significantly improve safety on board, economic efficiency, and the system's handling.

## System solutions made of reliable modules – turn-key projects from one source

Our products are fail-safe and low in maintenance. We provide advice from the first draft and accompany you beyond the conclusion of the contract through out project engineering up to the commissioning. The system solution with reliable support during the operation by our worldwide service network provides additional safety.

Original



After refit



A multitude of different signals can be displayed on smallest space. There is no waste of space and clarity is ensured.

# Refit: upgrade, replacement and extension – independent from the propulsion concept

## Extensions to your existing system

Enhance your system!

### Upgrade

Do you need further functions in your remote control system?  
Do you want to have additional displays on your control station?  
An interface to an external system? Please contact us!

### Replacement

You can replace your old pneumatic system by an electrical system. New electrical systems provide a multitude of functions and can be adapted to every control concept. Controllable pitch propeller, reversing gear, reversible engine? Everything is possible!

### Extension

#### ■ New or additional control station

Our products are so flexible that new control stations can be added. An electrical shaft is also possible.

#### ■ Display

The most important ship data of the system can be shown on our display.

#### ■ Back-up system

This simple extension provides you with an independent remote control. If necessary, it can be switched over from main system to back-up system.

#### ■ Hand-held control

During anchoring, landing or maneuvering you can move around on the ship. The hand-held remote control makes you mobile on deck.

Let us talk about the options our systems offer you.



▲ Control head type 230



▲ Display type 230



▲ Control head type 244



▲ Back-up module

### Scope of services:

- Inspection
- Complete or part replacement
- Consulting
- Project engineering
- Classification
- Commissioning
- Service

We design and manufacture in cooperation with





## AVENTICS

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