

PRESS RELEASE

New Marine Automation System SeaMACS of DATA PROCESS in operation

Successful delivery of SeaMACS System for the Norwegian Institute of Marine Research Vessel “Johan Hjort”

DATA PROCESS AS has successfully completed the delivery and installation of a new alarm and monitoring system for the vessel “Johan Hjort” based on the new Marine Automation System SeaMACS.

The Norwegian Institute of Marine Research selected the new SeaMACS system to upgrade the alarm and monitoring system onboard their vessel “Johan Hjort”. The delivery was completed in less than 8 weeks from the order was signed until the installation was completed and approved by the ship-owner and DNV.

The SeaMACS System: highly flexible and scalable

SeaMACS is built as a highly flexible and scalable system and is designed according to the latest industry standards. The system is based on a high speed Ethernet network, full redundancy at all levels and an intuitive user interface. The system is built with the user in mind to be easy to operate and to understand.

Since 1984 DATA PROCESS has delivered and installed several Automation Systems. Though, since 2007 the company has focused on designing and developing a new innovative Marine Automation System that is built to meet the future requirements of customers. This is an ongoing development that is continuously working together with the Research and Development departments at the other HEINZMANN Group partners to ensure that the customers’ demands are met by the system.

The SeaMACS System: custom made solutions

Some of the extra functionality required by the customer was tank level measurement and also automatic report handling for the main engine.



Figure 1: “Johan Hjort” of The Norwegian Institute of Marine Research

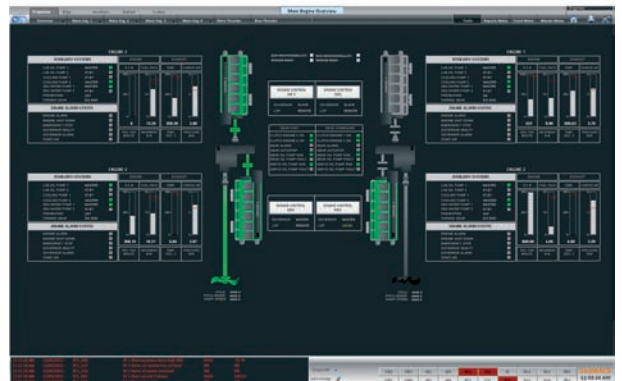


Figure 2: SeaMACS example of graphical user-interface



Figure 3: Add on for Norwegian Institute: tank level measurement

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The SeaMACS Marine Automation System Benefits

All the most common communication drivers are included as part of the standard system. This makes interfacing between many other systems, PLCs and I/O modules possible without having to create new drivers or applications:

- ➔ Integrated vessel control
- ➔ Distributed processing
- ➔ Systems for merchant marine, offshore and navy
- ➔ Advanced analysis tools
- ➔ Full redundancy

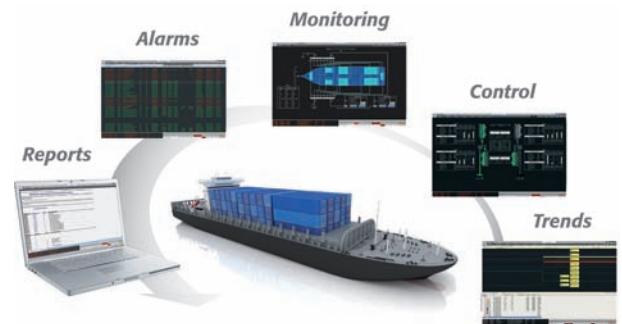


Figure 4: SeaMACS marine Automation System

DATA PROCESS Company Profile

Since 1984, DATA PROCESS has been a reliable provider for maritime automation, to both the navy and the civilian market and thus brings more than 28 years of experience in this field.

DATA PROCESS AS became a member of the HEINZMANN Group in 2012. DATA PROCESS' professional staff is experienced in handling projects of different size and complexity and combined with HEINZMANN's comprehensive product range they meet customer's demands for maritime automation solutions.



Figure 5: SeaMACS integrated functions/interfaces

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