

# Discover Aperio



**EMERSON**<sup>™</sup>  
Process Management

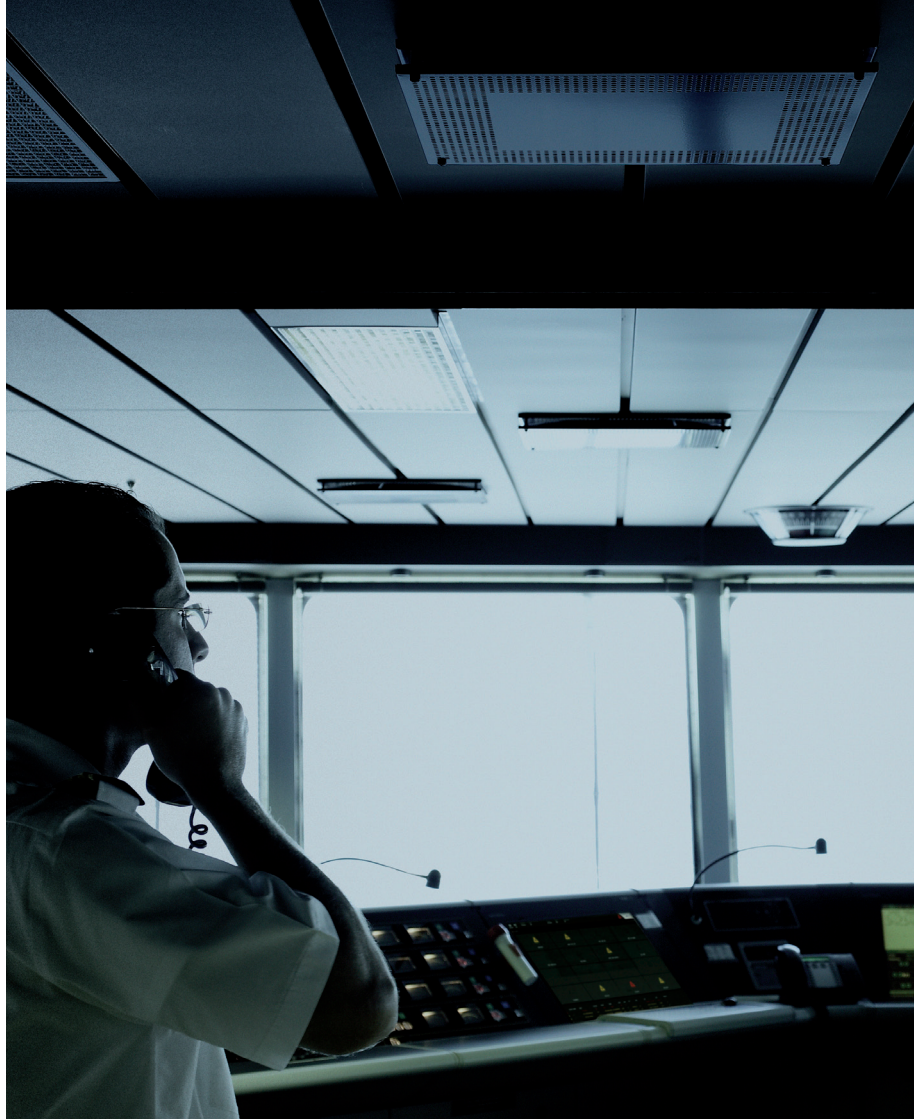
NO SMOKING


# HARDWARE SOFTWARE BRAINWARE

*Emerson's Aperio system is developed to integrate control and monitoring functions on any type of ship and application, e.g. engines, generators, switchboards and other service systems.*

*Because we make our own hardware and management system in-house we ensure optimum quality and integration. The result is an intelligent marine automation system that improves your ability to:*

**Plan  
Control  
Monitor  
Alarm**



A person in a white shirt is seen from behind, looking at a large digital display in a control room. The display shows various data and charts. The room has a modern, industrial feel with a dark ceiling and a large window in the background.

## Operational continuity Plan

*The Aperio system offers an integrated solution that removes complexity and enhances efficient planning. The outcome is operational continuity.*

Get a single-point overview – from the specific component to total system

Planning on and offloading of cargo prevents mixing of products and minimizes the risk of environmental pollution

## Better decision-critical data Control

*With the full overview provided, you can be confident of integrity and quality in your decisions. The result is a better throughput, based on reliable and timely data.*

Remote and automated control of valves, pumps, engines and other service systems

Online transfer of tank content information to loading computer

User-friendly and easy operation



## Deeper insight Monitor

*Flexible user interface enhances usability and ensures fast access to information anywhere on the ship. Deeper insight gives you confidence in daily operations.*

Dynamic coloring of pipelines, valves, pumps and tanks makes it easy to track product flow during cargo operation

Self-diagnostic tools identify, diagnose and list abnormal situations

Trend and performance monitoring ensures that all information is securely captured and displayed

## Enhanced safety Alarm

*With the advanced alarm management system you are empowered to detect and defer abnormal situations to enhance safety.*

Integration of Dead-Man Alarm System

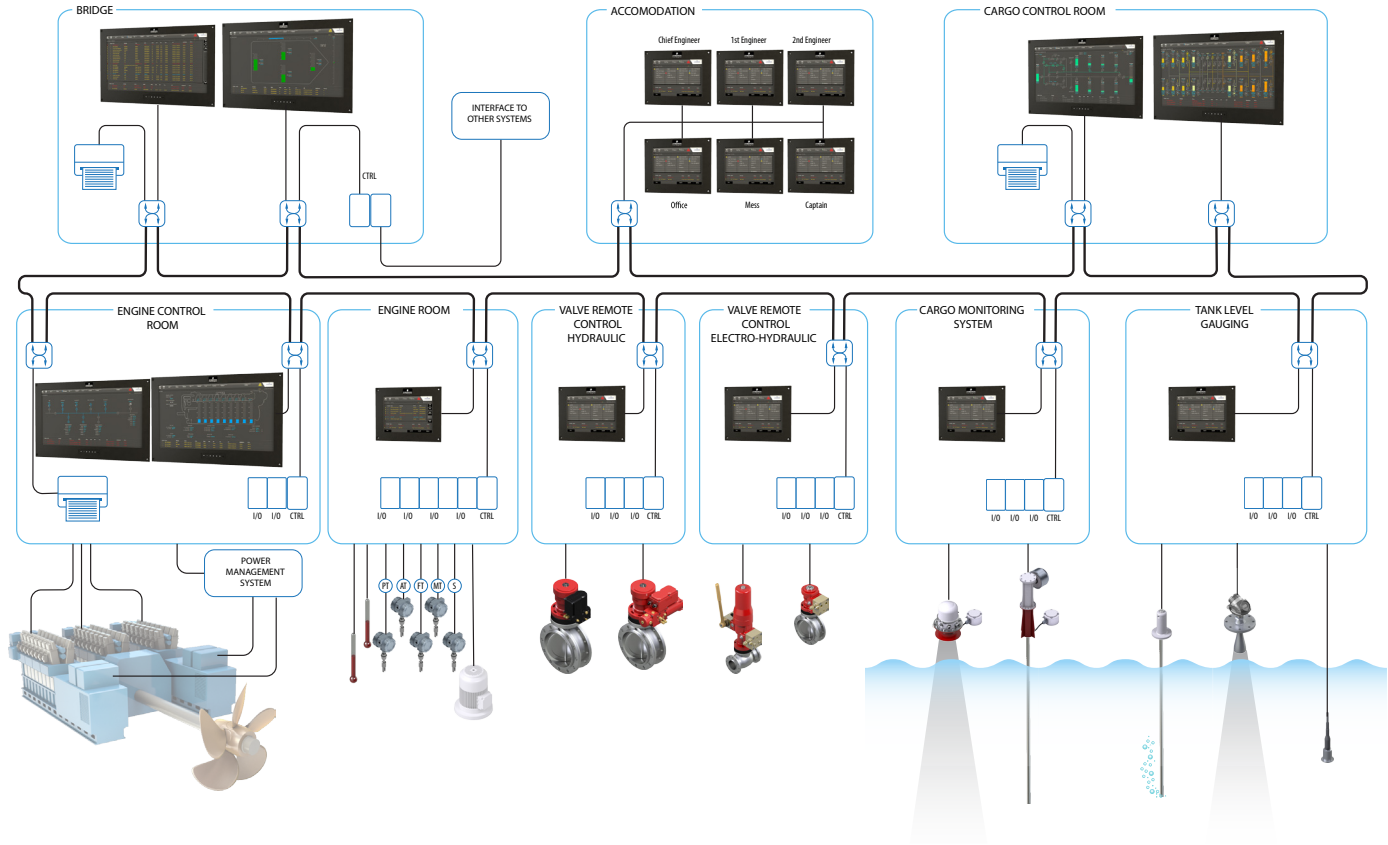
Create safeguards and conditional warnings to avoid dangerous operations

Independent high-level and overfill alarm

Integrate independent alarm systems into the automation system

Advanced alarm filtering and distribution, enabling alarm indications at the right locations and in relevant situations

# System Overview



# Expertise within Marine Automation

Our expertise covers marine automation systems, valve remote control, cargo monitoring systems, ballast, fuel oil and service tank level gauging and draft measurement for all types of ships and offshore units. Our brands have served marine customers for more than 30 years and together represent the foremost thinking within marine automation.

What really sets us apart is our dedication to the marine sector and engineering excellence. This is reflected in all aspects of our offering, from design and production, through to application know-how and global after-sales support. When you partner with us, you can expect the best industry knowledge, global reach, financial stability and unsurpassed quality.

Visit us at: [www.emersonprocess.com/MTM](http://www.emersonprocess.com/MTM)

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