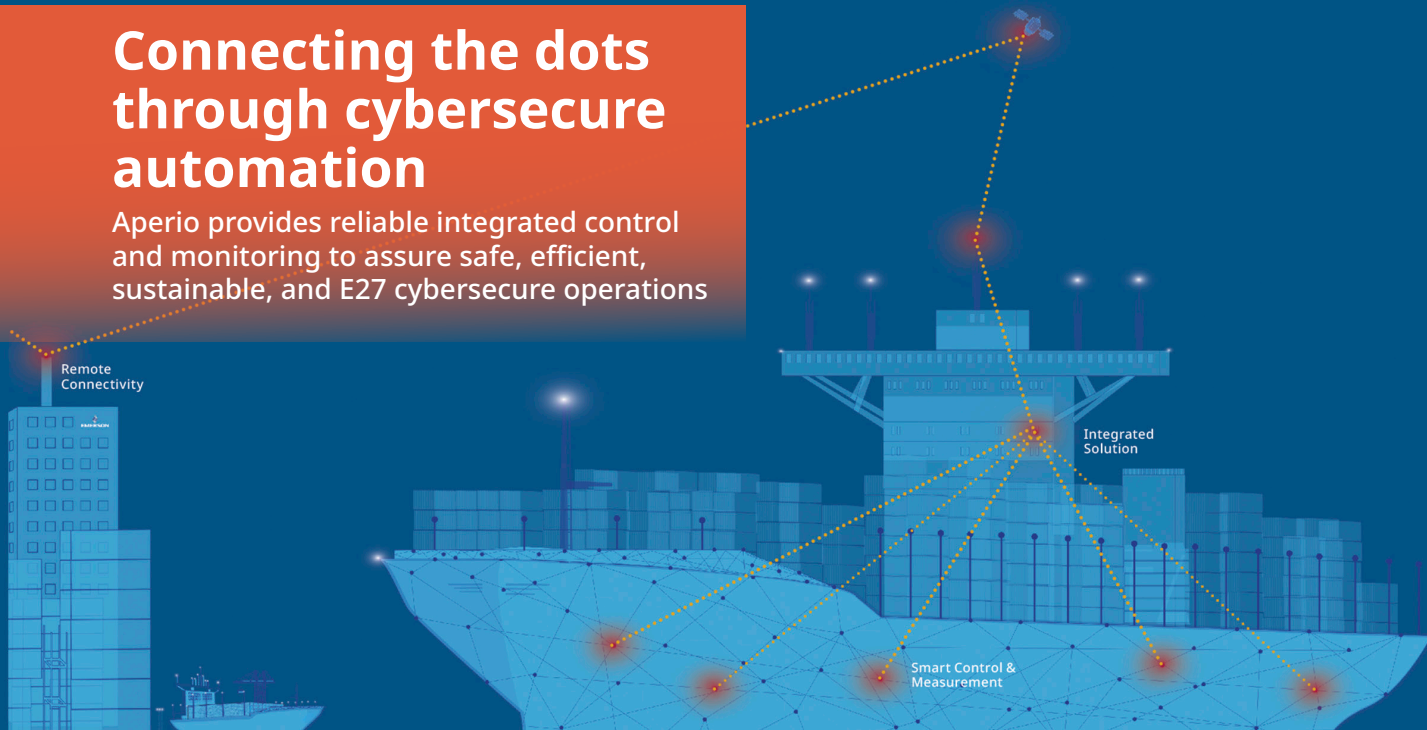


Connecting the dots through cybersecure automation

Aperio provides reliable integrated control and monitoring to assure safe, efficient, sustainable, and E27 cybersecure operations



APERIO





An intelligent and cybersecure Marine Automation system

Automated, Integrated, and Cybersecured!

Emerson's **Aperio** system is designed to securely integrate control and monitoring functions on any type of ship and application, e.g. engines, generators, switchboards and other service systems. The system offers remote connectivity that connects the dots through E27 compliant cybersecurity. The outcome is operational efficiency.

The automation platform ensures optimum quality, safety and integration. The result is an intelligent and cybersecure marine automation system that enhances your ability to: **See, Decide and Act!**

SEE

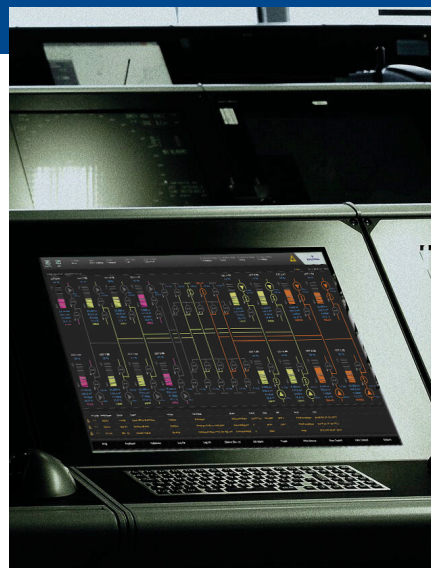
Flexible user interface with fast access to information

DECIDE

Advanced alarm system drives decisions based on insights

ACT

Responsive control helps maximize performance and operational efficiency



SEE

The flexible user interface and full overview gives you visibility and fast access to information anywhere on the ship. The result is deeper insights from reliable and timely data, that gives you confidence in daily operations.

Improved visibility

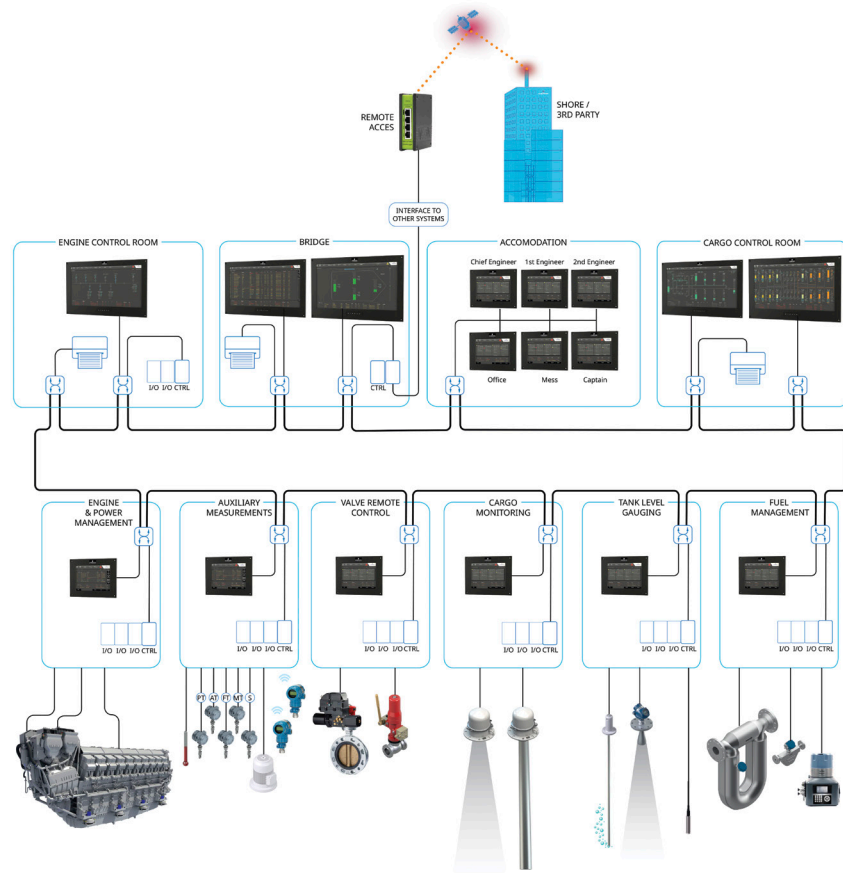
- Get an easy overview – from specific equipment to total solution including tank, cargo, fuel and propulsion monitoring
- Dynamic coloring of pipelines, valves, pumps and tanks makes it easy to track product flow during cargo operation
- Self-diagnostic tools identify, diagnose and list abnormal situations
- Trend and performance monitoring ensures that all information is securely captured and displayed

DECIDE

The advanced alarm management system, drives decisions based on insights in any situation. You are empowered to detect and defer abnormal situations to enhance safety and optimize operations.

Enhanced safety

- A full alarm monitoring system in one integrated platform, with flexible distribution of alarm panels based on user profiles
- Integration of Dead-Man Alarm System
- Create safeguards and conditional warnings to avoid dangerous operations
- Advanced alarm filtering and distribution, enabling alarm indications at the right locations and in relevant situations



The Aperio system connects the dots



ACT

With the full overview provided and remote assistance at your disposal, you can be confident of integrity and quality in your actions. The outcome is operational efficiency.

Actionable insights

- Intelligent control of valves, pumps, engines and other service systems
- System guidance to take the right actions based on needed insight
- User-friendly and easy operation with event logging and user permissions
- Remote connectivity solutions with access to Emerson service specialists

Emerson cybersecurity connectivity



In the modern maritime industry, cybersecurity is not just an option—it's a necessity. With the Aperio system, you are securely connected to systems on board and on shore, enabling you to be compliant.

Ensure the integrity and safety of your operations

Our solutions meet and even outperform the stringent UR-E27 standard, ensuring that your vessel's cybersecurity measures are top-notch. The result is that your ship is prepared against potential cybersecurity threats, maintaining the integrity and safety of your operations.

Our remote connectivity solutions are engineered to keep you updated and compliant, no matter where your operations take you.

With Emerson, you can trust that your systems are protected by state-of-the-art cybersecurity measures.

Expertise within Marine Solutions

Our expertise covers marine automation systems, valve remote control, cargo monitoring systems, fuel management and tank level gauging 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 www.emerson.com/marine

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