

**The Exhibition is Coming to You!**



**Integrated Solutions for the Shipbuilding Industry**

**B:MACS**

Monitoring, Alarm and Control System

  
**BÖNING**  
SHIP AUTOMATION

# B:MACS Roadshow 2020

Motivated according to the principle "If we can't meet you at an exhibition, we will bring the exhibition to you!" we are organizing our roadshow and present our innovations right in front of your door! In our large trailer on an exhibition area of almost 30 m<sup>2</sup> you can get to know the following solutions and products better:

## B:MACS

Monitoring, Alarm & Control System for Commercial Vessels

Solutions from Böning Ship Automation are already installed on more than 800 work boats and meet the requirements of leading classification societies. For many years we have been developing and producing data stations and displays for marine applications in Germany meeting highest quality standards.

Our modern single person bridge shows several application examples of our hardware and software.

It features display systems with screen sizes from 5.7" to 24" serving as independent status displays for tanks, main engines, generators or as a full-fledged ship information system.

Furthermore, we are showing a new type of screen switching method with the option of displaying four systems simultaneously on one monitor (split screen).



Propulsion System Monitoring



Multi-functional Controls



Integrated CCTV System

We have expanded our product range with new, compact marine cameras for connection to our proven AHD-VDCU video matrix. These deliver high image quality with significantly lower video image delay times.

Our expanded product range offers a suitable solution for various applications on board. Choose between static dome cameras and PTZ cameras with optical zoom. A wide temperature range and stainless-steel housing provide an ideal basis for reliable outdoor use.

Test them yourself and experience the benefits of a fully integrated solution.





30mm Slim Displays



Integrated Touch Panel



Custom-made Control Panels



Bridge Management System



Integration of third Party Products

## Smart Bridge

All-in-One Solution for Yachts

Our “Smart Bridge” concept offers a full-fledged bridge system in the smallest of spaces. The multifunctional operating concept combines the visualization of Böning ship automation with modern navigation. The space-saving system was specially developed for yachts to meet the demanding customer requirements of a modern implementation concept.

The system has multiple redundancies and thus offers maximum operational reliability.

All automation data is displayed on modern visualization pages so that the skipper remains informed and always has an overview.

Operation takes place via touchscreen displays or modern rotary-push controls. For direct and quick operation, important functions are still activated via tactile buttons. A uniform and clear design not only looks good, but also increases the ease of use and operational safety of the ship.



See you at the Roadshow.



Böning Automationstechnologie GmbH & Co. KG has been developing electronic systems for over 40 years. More than 100 specialists develop and produce components and systems for individual on-board applications at the company's headquarters in northern Germany. Technical solutions for series shipbuilding as well as for special customized applications are developed in close cooperation with our customers. We supply sensors, modular data processing units, displays and control units to ensure maximum safety and reliability for operation.

Safety-relevant systems are subjected to all necessary tests in order to achieve certification by the leading international classification societies.

Our company is certified according to ISO 9001: 2015.



Roadshow Trailer

**Böning Automationstechnologie GmbH & Co. KG**

Am Steenöver 4  
27777 Ganderkesee  
Germany

Phone: +49 4221 9475-0  
Fax: +49 4221 9475-22  
E-Mail: [info@boening.com](mailto:info@boening.com)

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