

# Automation technology

Callenberg Technology Group supplies automation solutions for maritime and offshore applications from full ships automation systems to stand-alone control applications. We supply our solutions directly to yards, owners and OEMs for newbuilds and retrofits.



- Automation solutions developed for each project, independent of manufacturer
- Turnkey, EPC and EPIC contract options
- Electrical & hybrid propulsion solutions for ferries and small coastal vessels
- Lean automation systems for small craft using the Callenberg IMAC platform

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## Lean automation systems

For smaller vessels with dimension & weight constraints, where user friendly operation is essential, we have developed our own integrated automation system: the Callenberg IMAC. The Callenberg IMAC can be a separate monitoring and control system or a part of a complete solution with switchboard, starters and propulsion systems. Vessels that benefit from this solution include; road ferries, patrol boats, rescue vessels and coast guard vessels.

## Electrical & hybrid propulsion systems

Hybrid propulsion technology is a viable solution for addressing demands from governments, municipalities and authorities to protect urban and coastal areas from noise and pollution. Vessels that benefit from this solution include road ferries, patrol boats, rescue vessels and coast guard vessels.

## Control cabinets

We design and manufacture control cabinets for any maritime control and automation application - either tailor-made one-off projects or serial production of standard cabinets to OEM clients. Our capabilities cover a large variety of applications such as power management, cargo operations, propulsion, water treatment and PTI arrangements. Our scope of service includes, engineering, documentation, software and assembly of cabinets at our workshops.

## HVAC automation

We have a long experience in design and assembly of automation equipment for HVAC applications. Our control cabinets are an important part of our Energy Management offer.