



Naval Combat Ship

Control Panels



“We provide a turnkey solution, assisting during the initial prototyping and qualification stages, implementing modifications, through to the supply of complete units to full production release.”

Miles Adams,
Operations Manager –
Electronics Division

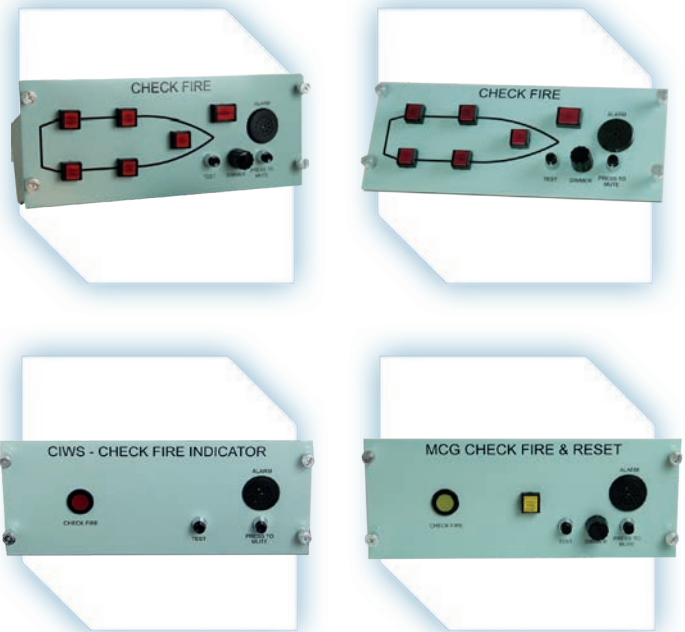
The largest defence contractor in Europe, providing design, manufacture, and support complex surface ships, submarines, radars, and command and combat systems. The solution is a subsystem for naval weapon systems.

Requirements & Issues

- ▶ To outsource the complete manufacture and assembly of control panel design
- ▶ Wiring and assembly to a customer's own schematics and defence standards
- ▶ Paint to match shipboard systems, and meets warpaint standards
- ▶ Development of design through prototype to production

The Solution

- Full range of Control Panels to suit each on board application
- Manufacture of sheet metal
- Finishing to defence specification paint
- Electro-mechanical assembly inline with specific customer build instructions
- Wiring to meet IPC610 standards, and use of MIL-STD connectors



The Outcome

- The equipment provides connectivity to the ship combat systems
- Stream lined supply chain, with the entire assembly provided by Cove with a single purchase order, and a single supplier to manage, allowed the customer to focus on their core business of ship-building
- Assembly inline with specific customer instructions to allow them to be integrated easily into the ship
- Design support to take design to fabrication and manufacture



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