



C-Guard Naval Decoy System

Upgrade path from fixed to trainable launcher

Terma and Chemring Countermeasures offer a complete soft kill solution for surface unit defence.

Through integration of Terma's C-Guard Defensive Aid Suite and Chemring's CENTURION fully trainable 130mm launcher, we can offer a scalable system, which is a step change in Anti-Ship Missile Defence (ASMD) capability. Ultimately, we are offering the maritime commander greater operative awareness, sustainability, flexibility and survivability in the contemporary and future battle space.

SYSTEM APPROACH

It is now possible to combine Terma's C-Guard Decoy Launching System with Chemring's CENTURION fully trainable launcher, to offer a fully trainable 130 mm rounds compatible solution.

By further development of the C-Guard's System Control components to fully benefit from the trainable capability, and with adaptation of the CENTURION to Launcher Control components that already exists in the C-Guard solution, we have reduced the gap between the fixed and the trainable configuration and introduced a true upgrade path for both new and existing C-Guard customers to the benefits provided by the fully trainable capability.

CONFIGURATIONS

C-Guard may be deployed on naval platforms using any combination of the existing fixed launchers and/or the CENTURION fully trainable launcher, or a configuration with fixed launchers fitted for (but not including) CENTURION as a flexible mission capability, which is cross decked. It is all possible now with the new collaborative system design and use of common components.



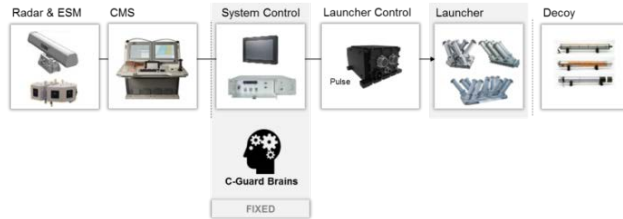
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FIXED SOLUTION

Fixed launchers.
Scalable from 12 to 48 fixed tubes.

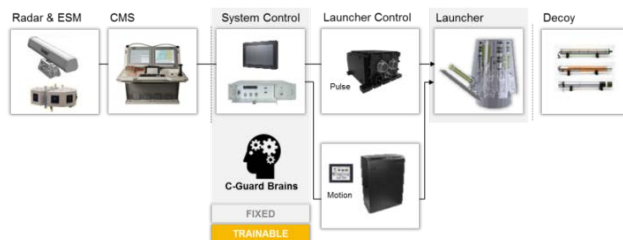
Can be upgraded to trainable capability if required.



TRAINABLE SOLUTION

C-Guard with Centurion trainable launcher.
Typically 2 x 12 tubes.

Can be upgraded with fixed launchers if required.



COMBINED SOLUTION

C-Guard with both fixed and trainable launcher.
Highly suitable for platforms with Anti-Submarine Warfare (ASW) capability which may be prioritized for the fixed launchers.

Typical configuration:
2 x 6-12 tubes fixed launchers and
2 x 12 tubes trainable launchers.



FITTED FOR SOLUTION

C-Guard with fixed launchers, but also prepared with cable harness and mounting platforms for easy installation of the CENTURION launcher and associated Motion Control Hardware.

Proposed with trainable launcher as flexible mission capability.
Plug-and-play upgrade to trainable capability.



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UPGRADE PATH

When C-Guard is deployed on a platform as a backbone even in the simplest configuration, it may be upgraded to support both fixed and trainable capability or fitted for CENTURION as a flexible mission capability which is cross decked to enhance capability as the mission demands. Select the configuration which is most appropriate for the present situation and upgrade any time the situation or requirements changes.

ROUNDS

C-Guard relies on combat proven non-proprietary 130 mm NATO decoy rounds. With more than 600 Decoy Launching Systems in service relying on the 130 mm ammunition, the system offers competing supply sources, efficient cost and future development of new types of decoy ammunition. The CENTURION launcher is accompanied by a range of new rounds, which complements the trainable capabilities to support further improved countermeasure strategies.

INTEGRATION

Regardless of the launcher configuration, C-Guard can operate both as a stand-alone system and as part of a fully integrated Combat Management System (CMS) like Terma C-Flex, Thales Tacticos, SAAB 9LV and more.

SUPPORT

Even with several different C-Guard configurations deployed across naval platforms, the high reuse of system components across the different configurations makes it simple for technicians to service and helps to reduce the overall spare part requirements.

MORE INFORMATION

www.terma.com
www.chemring.com

