NAVAL SYSTEMS SUITE

C-SERIES

TERMA
ALLIES IN INNOVATION

C-SERIES

The C-Series product suite provides a complete range of key capabilities for maritime and naval forces to better plan, coordinate, command, and solve missions with increased effectiveness.

C-Series improves tasks from securing the Maritime Domain to participating in joint peace keeping missions. This includes shared and correlated Situational Awareness, synchronizing joint operations, and battle management.

The C-Series Suite is flexible, modular, and configurable and can be upgraded step-by-step with customers' growing need for support of flexible mission profiles. The C-Series Suite supports standard mission profile for law enforcement, interception, anti-piracy search-and-rescue operation, and helicopter approach, as well as supporting Anti-Air Warfare (AAW) and Anti-Surface Warfare (ASuW).

The C-Series Suites consists of matched products with good common performance as Electro-Optical Fire-Control, 2D Air & Surveillance radar, and IP based data link. C-Series Suite is designed for high performance and low total cost of ownership for Patrol and Amphibious Vessels.

The C-Series Suite is mission proven and fully integrated to adapt to the growing need for proven out of the box integration of sensors, effectors, and data link and supports short delivery time and low risk in the market for Patrol and Amphibious Vessels.

C2 Mission System
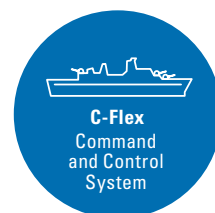## C-Flex Patrol and C-Flex Combat

C-Flex provides out of the box capabilities for unparalleled Situational Awareness and seamless interface to sensors, effectors, and data links.

C-Flex provides full integration of onboard systems to support decision-makers to better plan, coordinate, command, and solve missions with increased effectiveness.

C-Flex is a truly modular and scalable state-of-art Command & Control System and fully integrated out of the box with all C-Series products and effortlessly integrates third part equipment into one easy-to-operate system.

C-Flex covers the entire modern maritime and naval fleet requirement from single user systems as e.g. patrol vessels, landing platform dock, and maritime helicopters to multiple user systems of frigates and destroyers.

C-Flex is a cost efficient and flexible system based on a modern open architecture on top of COTS software and hardware, greatly lowering maintenance and training costs.

C-Flex
Command and Control System

Tactical Training
C-Sim

The C-Sim Tactical Training and Simulation solution is an integrated Naval Tactical Trainer environment. Combined with Terma's C-Flex Command & Control system, C-Sim provides a complete training solution for Naval Training Centers, integrated onboard training, as well as distributed training exercises between ships and land.

Training tasks for basic operator training, tactical training, and command team training including mission preparation is supported, all via the C-Flex Command & Control system providing the benefits of "Train as you fight".

C-Sim
Tactical
Training

Naval Link System
C-Link

C-Link is a Tactical Data Link system used for providing a Common Operational Picture to own cooperating assets, coalition forces, and Headquarters by exchange of track data – improving mission effectiveness, decision making, and increasing surveillance capabilities well over the horizon.

C-Link provides Tactical Data Link by use of the ships own radio (HF, VHF, UHF, or optionally SATCOM).

C-Link can work as a fully integrated application in Terma's C-Flex Command & Control system or as a stand-alone system that can be upgraded step-by-step to a complete C-Flex Command & Control System.

C-Link offers Link 11, Link 16, Link 22 (optional) or Link T (proprietary Terma Data Link System) in accordance with customer requirements. Solutions are scaled to fit any maritime, land, or airborne platforms.

Decoy System
C-Guard

C-Guard is Terma's mission proven Soft Kill Weapon System (SKWS) protecting naval platforms against coordinated multi-threat / multi-directional attacks by missiles and torpedoes.

C-Guard's rapid response and constant threat evaluation is key in building multi layered 360° horizontal walls of defense to stepwise defeat multiple coordinated attacks.

C-Guard provides advanced decision making for the operator and supports distraction and seduction mode in order to obtain the most secure defense against multi-directional attacks by missiles.

C-Guard is integrated with major Combat Management Systems, and more than 100 C-Guard systems are currently in operation worldwide.

C-Guard relies on combat proven 130 mm NATO decoys and a proven mechanical launcher design without moving parts, guaranteeing high availability and lowest total cost of ownership.

C-Link
Tactical Data Link

C-Guard
Decoy Launching System

Fire Control Solutions
C-Fire

C-Fire is capable of generating ballistic solutions and driving multiple gun mountings to enable simultaneous engagements with any in-service naval gun.

C-Fire EO is a precision electro-optical fire control system providing detection, visual identification, acquisition, tracking, and engagement of air and surface targets. The system employs a light-weight, direct drive platform fitted with mid-wave thermal imager, TV camera, and eye-safe Laser Range Finder for detection of fast moving targets.

C-Fire REO is a combined radar and electro-optical fire control system optimized for detection, acquisition, tracking, and engagement of air and surface targets in all weather conditions. The radar provides long range acquisition and precision tracking of multiple targets. In addition, the platform is fitted with long range thermal imager, TV daylight camera for EO tracking, and visual target identification and automated capture of target snap-shot images.

Radar and Sensors
C-Search

C-Search is a product family of sensors characterized by superior performance to simultaneously detect small air and surface targets in all weather conditions. The sensors are using a series of very advanced processing techniques, to ensure market leading targets separation and high resolution detection of small targets from the radar horizon to the vessel's side.

Terma's SCANTER Naval Surveillance Radars with or without IFF are used by Navies and Coast Guards around the world for protection against asymmetric threats, search-and-rescue operations, and law enforcement tasks e.g. control of illegal immigration, smugglers, and piracy, and as such major contributors to the Situational Awareness picture for all vessels from Border Police and Patrol Vessels to Frigates.

C-Fire
Fire Control Solutions

C-Search
Radar and Sensors

Operating in the aerospace, defense, and security sector, Terma supports customers and partners all over the world. With more than 1,600 committed employees globally, we develop and manufacture mission-critical products and solutions that meet rigorous customer requirements.

At Terma, we believe in the premise that creating customer value is not just about strong engineering and manufacturing skills. It is also about being able to apply these skills in the context of our customers' specific needs. Only through close collaboration and dialog can we deliver a level of partnership and integration unmatched in the industry.

Our business activities, products, and systems include: command and control systems; radar systems; self-protection systems for ships and aircraft; space technology; and advanced aerostructures for the aircraft industry.

Terma has decades of hands-on know-how in supporting and maintaining mission-critical systems in some of the world's most hostile areas. Terma Support & Services offers through-life support of all our products to maximize operational availability, enhance platform lifetime, and ensure the best possible cost of ownership.

Headquartered in Aarhus, Denmark, Terma has subsidiaries and operations across Europe, in the Middle East, in Asia Pacific as well as a wholly-owned U.S. subsidiary, Terma Inc., with offices in Washington D.C., Georgia and Texas.

www.terma.com

TERMA
ALLIES IN INNOVATION