



NCMS®

Command Smarter.
Strike Sharper.

Naval Combat
Management System



Stingray Tec

Military Precision. Tactical Agility.

We engineer mission-ready systems that strengthen command, safeguard sovereignty, and empower defence forces across every domain.

Stingray Tec is a trusted technology partner to armed forces. With over two decades of experience across land, air, sea, and cyber, we develop state-of-the-art systems that enhance situational awareness, accelerate decision-making, and deliver operational superiority in high-stakes environments.

Our legacy builds upon resilient defence platforms, intelligent command systems, and integrated weapon solutions — engineered for precision, reliability, and control.



Brain Behind The Battle

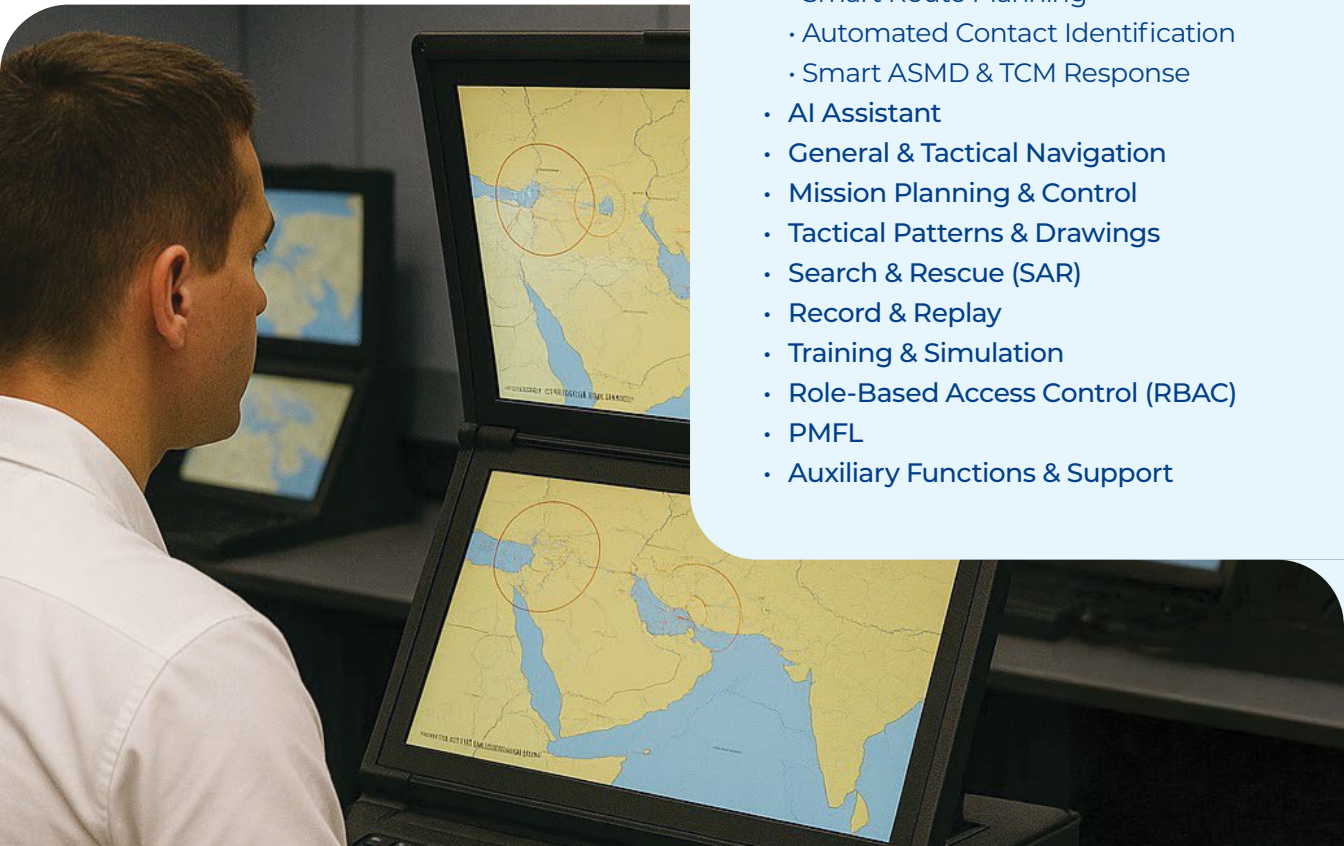
NAVAL COMBAT MANAGEMENT SYSTEM

NCMS serves as the ship's brain, enabling command teams to respond with clarity and precision across all operational domains. As a modular and scalable C3 solution (Command, Control & Communication), it supports tactical picture compilation, rapid decision-making, and integrated weapon coordination, purpose-built for complex maritime missions.

Field-proven across diverse environments, NCMS combines tactical intelligence with flexible architecture, making it a dependable choice for naval forces seeking modern, interoperable combat systems.

KEY CAPABILITIES

- LTP, CTP & COP
- Warfare Support:
 - AAW, ASuW, ASW & EW
 - Advanced Track Fusion & Management
 - Threat Evaluation & Weapon Assignment
- AI-Enabled Decision Support System:
 - Intelligent Weapon Suggestion
 - Smart Route Planning
 - Automated Contact Identification
 - Smart ASMD & TCM Response
- AI Assistant
- General & Tactical Navigation
- Mission Planning & Control
- Tactical Patterns & Drawings
- Search & Rescue (SAR)
- Record & Replay
- Training & Simulation
- Role-Based Access Control (RBAC)
- PMFL
- Auxiliary Functions & Support



GENERAL FEATURES

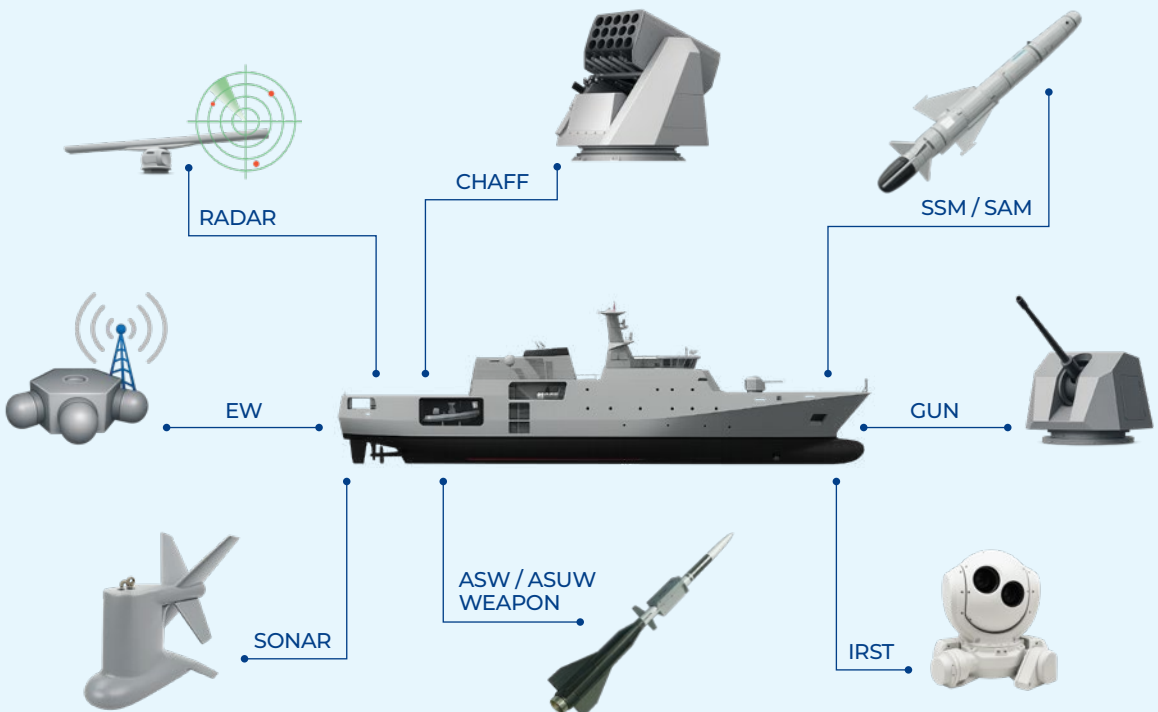
- Modular & Scalable SW & HW Architecture
- Multi-Node, Multi-Processor Configuration
- Dual-Redundant Tactical Network
- Multifunction Consoles
- COTS Usage Maximisation
- Seamless Third-Party System Integration
- Flexible HMI with High Degree Automation
- High MTBF & Low MTTR

ENHANCED TECHNOLOGY

NCMS provides comprehensive mission control capabilities across peace and wartime operations. It delivers a unified, real-time tactical picture to support Anti-Air, Anti-Surface, Anti-Submarine, and Electronic Warfare operations.

SENSOR & WEAPON INTEGRATION

- Aggregates, fuses, and displays data from onboard sensors and external links
- Enables rapid threat evaluation and target prioritisation
- Automates weapon assignment and engagement
- MIL-STD 2525C/D symbology
- BR1982 symbology
- IEC 61162/61174
- Unified control of all tactical subsystems

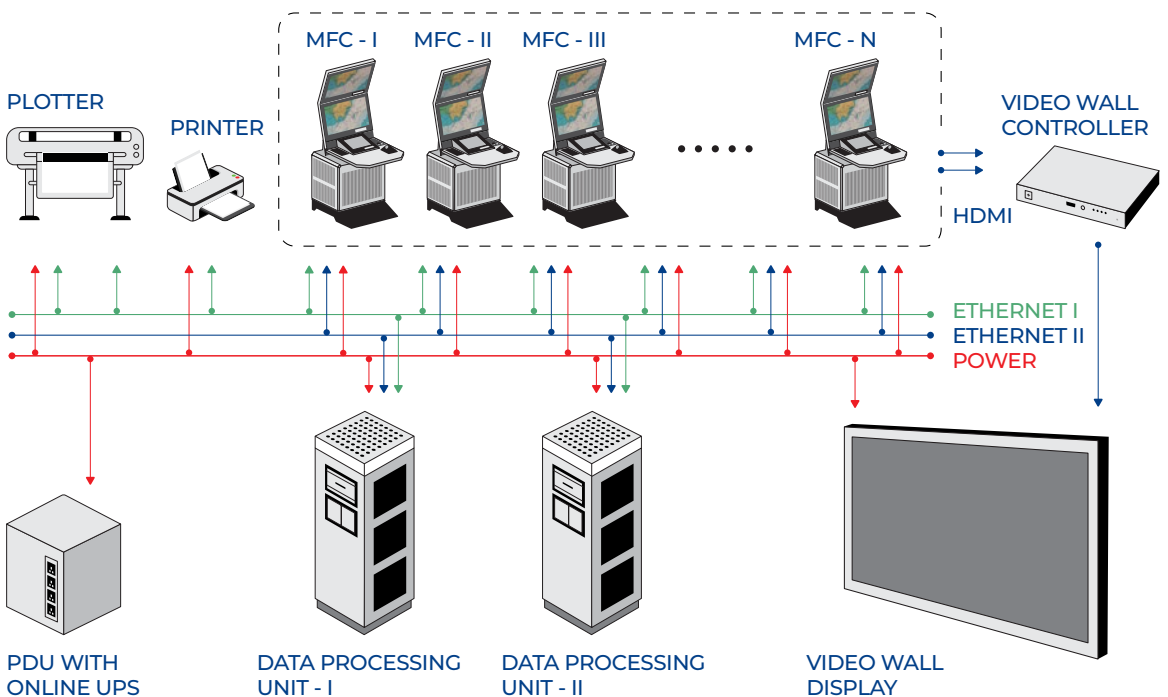


TACTICAL COMMUNICATION

- Built-in Link Green Tactical Data Link (TDL)
- Secure, Encrypted Data Exchange
- Compatible with Link-22 and Enhanced Over Legacy Link-Y
- DTDMA / IP-Based Communication via V/UHF Radio & Satellites

HARDWARE COMPONENTS

- Operator & Command Consoles
- Data Processing Cabinets
- Remote Display Units (RDUs)
- Integrated Video Wall
- Radar Video Processing & Extraction Units
- Portable Maintenance Units
- Redundant Power Distribution Units



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