

NAVAL SYSTEMS

INTEGRATED SMART DEFENSE AGAINST AIRBORNE, TERRESTRIAL, AND MARITIME THREATS

MARITIME SURVEILLANCE

End-to-end solutions for the design, development, and integration of active and passive maritime border monitoring. Capabilities include the integration of radars, AIS (Automatic Identification System) receivers, cameras, acoustic devices, satellite imagery, and other sensors. We deliver command-and-control centers, communications infrastructure, and a robust database with vessel traffic history, enhanced by AI-powered analytics for pattern detection. Services also cover training, assisted operation, and lifecycle support.

COMMAND AND CONTROL SYSTEMS

Integrated Solutions for Common Operational Picture and Tactical Scenario Management. Our advanced systems deliver seamless integration and fusion of data from a wide array of sensors—including naval and airborne radars—to support real-time contact identification, classification, threat assessment, and generation of actionable intelligence for engagement operations. Command and Control (C2) capabilities are highly flexible, enabling deployment onboard vessels, at shore-based facilities, or distributed across multiple platforms to ensure robust situational awareness and coordinated response across all domains.

EMBEDDED SYSTEMS

Combat Management Systems (CMS) for Surface Ships, Submarines, and Airborne Platforms. We deliver cutting-edge CMS solutions tailored for naval and aerial operations, encompassing surface vessels, submarines, and airborne platforms. Our expertise spans the full lifecycle—from advanced software engineering to seamless integration of multi-vendor sensors and actuators. Our capabilities include system commissioning and rigorous test campaigns to ensure operational readiness. Additionally, we develop complementary land-based systems, such as tactical simulators and crew-training platforms, designed to enhance mission effectiveness and operator proficiency.

DATA-LINK

Design and integration of tactical data-link solutions for naval and airborne assets, ensuring secure, real-time data exchange.

COUNTER-DRONE AND CONTROL SYSTEMS (AIR, SURFACE, SUBSURFACE)

Integrated counter-drone solutions combining active and passive detection with RF monitoring, cameras, radar, and acoustic sensors. Countermeasures include RF and GPS jamming, as well as control of vessel-based organic drones: airborne, surface, and underwater. All systems interface seamlessly with native C2 architectures.

