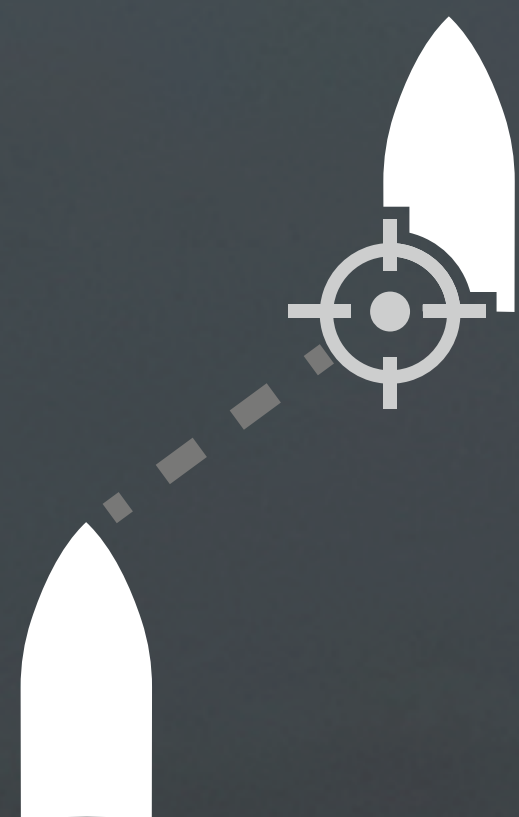


TECHNOLOGY OF TOMORROW

# TODAY

Autonomous systems and platforms  
for defence applications





## TRAIL AND INTERCEPT

Click on any Radar or AIS target to command your vessel to either trail at a user-defined distance or execute a direct intercept.



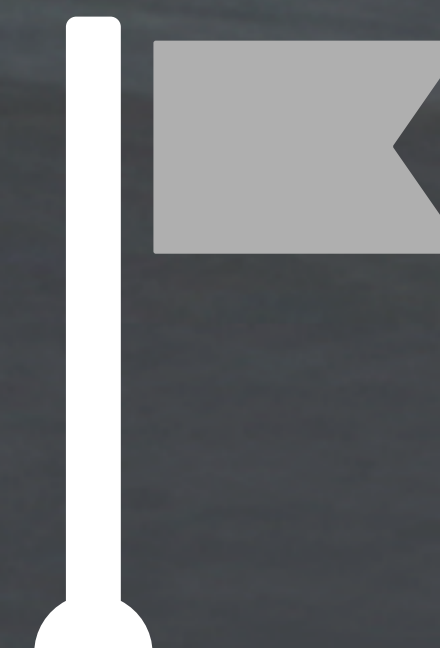
## SATELLITE TOPOLOGY

Seamlessly switch between official nautical charts (ENCs) and satellite map overlays for enhanced situational awareness.



## WIRED CONTROLLER

Connects directly to the Ground Control Station (GCS), enabling operators to instantly assume remote manual control of the vessel and seamlessly return to autonomous operations with a single click.



## RETURN TO BASE

Configure a predetermined Return-To-Flag (RTF) path, ensuring the vessel can autonomously continue its mission or return to a designated safe location in the event of GNSS denial or communication loss.



## COLLISION AND OBSTACLE AVOIDANCE

Automatically adjusts behavior based on onboard sensor detection of moving or static objects. User-defined standoff distances for each scenario ensure mission adaptability and safety.



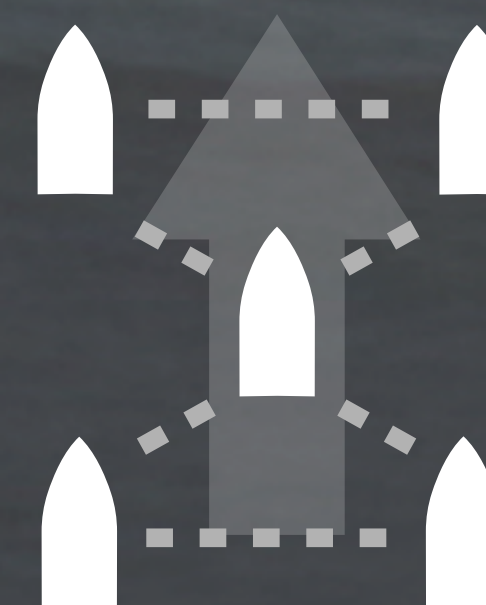
## REMOTE WIPE

Remotely wipe all onboard data—including stored geolocations—to prevent unauthorized access and safeguard sensitive information if the vessel is compromised.



## RADAR SDK

Operate and control radar directly—without an onboard MFD or PC—via LAN-connected to C2 system. Enables full radar functionality, including ARPA target reception, guard zone creation, and manual target removal, while minimizing sensitive onboard data exposure.



## COLLABORATIVE AUTONOMY

Configure a predetermined Return-To-Forward (RTF) path, ensuring the vessel can autonomously continue its mission or return to a designated safe location in the event of GNSS denial or communication loss.



## DYNAMIC WAYPOINT EDITS

Instantly insert a dynamic waypoint into an active autonomous route—enabling quick evasive maneuvers in contested environments without interrupting the ongoing mission plan.



## NAV/EST

Built-in dead reckoning algorithm enables continued navigation and mission execution in the event of GNSS denial or communication loss, supporting autonomous return-to-flag or persistent operation.



## LOITER AND SAFE AREAS

Create custom operational zones with ease. Use the dropdown menu to define Depth, Loiter, Safety, or Danger areas—tailored to your mission's parameters



## AI-POWERED COMPUTER VISION

AI-ris computer vision system delivers real-time Target Track Messages (TTMs), enabling seamless sensor fusion with Radar and AIS for enhanced situational awareness.



# INTUITIVE USER INTERFACE

Unbranded interface, hardware, and documentation available.  
Customizable to meet specific program or partner requirements.

CONTACT

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