

Gecdis-W

warship electronic chart display
and information system

Ecdis-W is a comprehensive system: it is fully Ecdis and Wecdis compliant, user-friendly and encompasses state-of-the-art military and surveillance features. Ecdis-W presents a comprehensive range of specific military features in order to improve tactical situational awareness. Ecdis-W enables the display and processing of a broad range of critical information.



FEATURES

- Compliance to IMO ECDIS
- Compliance to WECDIS NATO:
AML, Screen Kilo, gun sectors, haven moving
- 2D/3D representation
- ENC/ARCS/BSB/DNC chart representations
- S57/S63/S52 compliant
- AIS/RADAR/Video interfacing
- Software development kit

BENEFITS

- Strategic framework representation:
routes, areas and limits, gun sectors
- Enhanced navigation accuracy and reliability
- 2D/3D positioning of underwater vehicles (AUV and SDV)
- Real-time seabed mapping and danger detection
- Mission planning and debriefing

APPLICATIONS

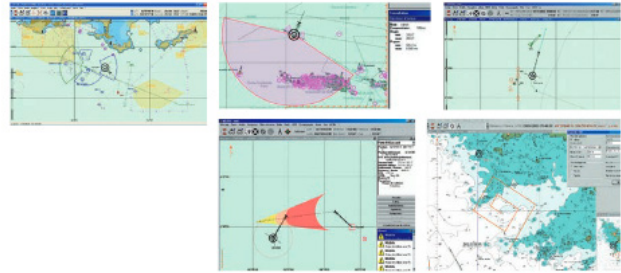
- Navigation
- Surveillance
- Interception
- Mine and collision avoidance Mine warfare operations
- Fishery surveillance
- Search and rescue operations (SAR)

GECDIS-W TECHNICAL SPECIFICATIONS

Gecdis-W software

Wecdis Functionalities

- AML
- SAR
- Tactical situation
- ASM
- Seabed and mine hunting
- Water column



Ecdis navigational system

- Full Ecdis compliant GIS
- Secure navigational feature
- Route planning
- Weather data



Tidal display

ENC

ARCS

Hardware

Standard Ethernet network

- High-availability thanks to redundant PCs
- COTs/standard hardware
- Ecdis compliant



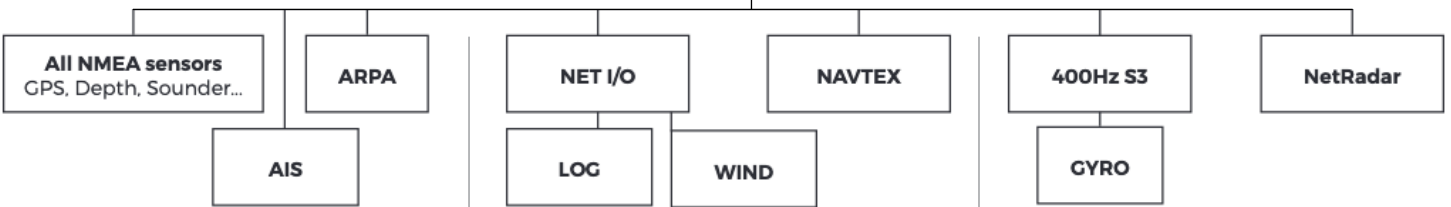
ECDIS PC

Conning

RADAR

VESSEL SENSORS

Ethernet



Direct plug-in connection

Specific sensors integration through dedicated iXblue hardware

RADAR