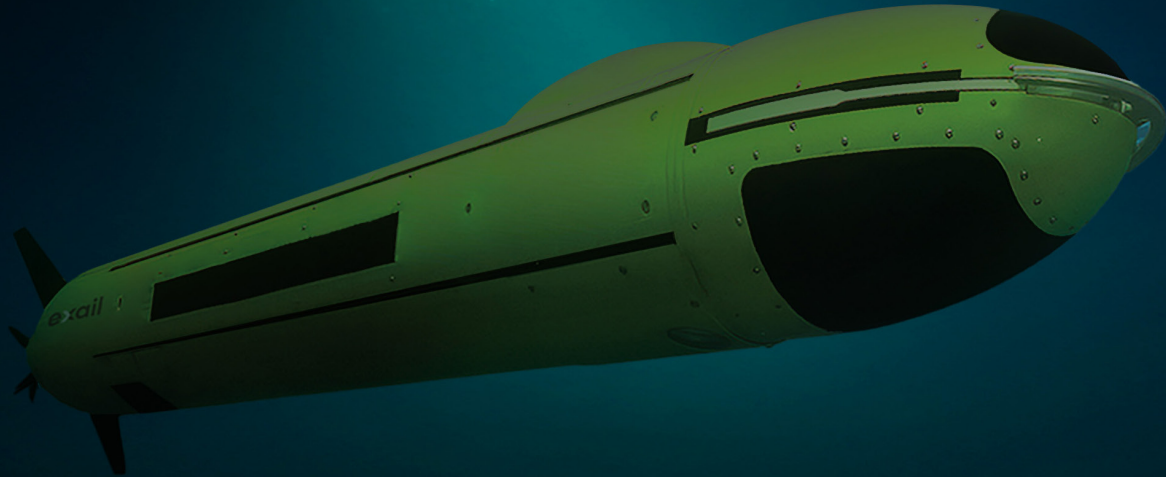


MINE COUNTER- MEASURES

UMIS | Unmanned MCM Integrated System



exail



Exail, a global leader in stand-off Mine Countermeasures

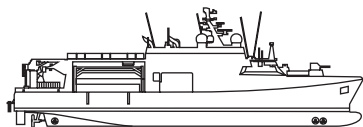
Exail has been supporting over 50 navies with robotic solutions for more than eighty years.

The company plays a key role in advancing Mine Countermeasures (MCM) through a distinctive stand-off approach that enhances crew and vessel safety by avoiding direct exposure to minefields. Its UMIS system delivers a comprehensive, efficient, and cost-effective drone-based solution for maritime mine clearance. As an open robotic platform, UMIS is engineered to survey and secure extensive or complex sea zones, coastal regions, and ports with precision and reliability.

FLEXIBLE MISSION-READY

DEPLOYABLE FROM SHIP OR SHORE

From light setup to full USV, AUV, ROV & C2 capability, adaptable to any navy's operational needs

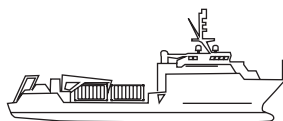


From **MCM VESSEL**

Integration by design
Into MCM vessel

Launch-ready
Uses vessel's LARS for
safe and efficient USVs
deployment

Mission optimized
Ideal for long mission



From **SHIP OF OPPORTUNITY**

Modular setup
Transform any vessel
into an MCM platform

Quick fit
Fully containerized
systems with no
permanent changes
needed

Cost-effective
Use commercial
or auxiliary ships



From **SHORE**

Plug & play
Easy deployment from
containers (systems
and C2)

Full remote operation
No crew at sea

Fast response
Ideal for ports and
coastal protection

Ready anywhere
No need for specialized
infrastructure, land and
air transportable



Watch full stand-off
MCM in action

UMIS

SEA-PROVEN NEXT GENERATION MCM SYSTEM

THIRD PARTY UAV
Unmanned Aerial
Vehicle (UAV)



INSPECTOR 125



INSPECTOR 125

Reconfigurable Unmanned Surface
Vehicle (USV) for mine hunting and sweeping



UMIS is a customizable, toolbox-based system designed to meet the evolving needs of MCM missions. Built for flexibility, it allows navies to configure their own force package—selecting from a range of unmanned assets like AUVs, USVs, ROVs, towed sonar and UAVs.

T18-M

Towed Synthetic Aperture Sonar (SAS)
for mine detection and classification



A9-M

Portable Autonomous Underwater Vehicle (AUV)
for mine detection and classification

A18-M

Mid-size Autonomous Underwater
Vehicle (AUV) for mine detection
and classification



SEASCAN

Lightweight Remotely Operated Vehicle (ROV)
for mine identification



K-STER

Lightweight expendable Remotely
Operated Vehicle (ROV) for mine neutralisation



SMART SCALABLE

POWERING EVERY STEP OF THE MCM MISSION

At the core of the UMIS system is Umisoft, a fully integrated software suite that simplifies and streamlines every stage of a mine countermeasures mission. With an intuitive interface and

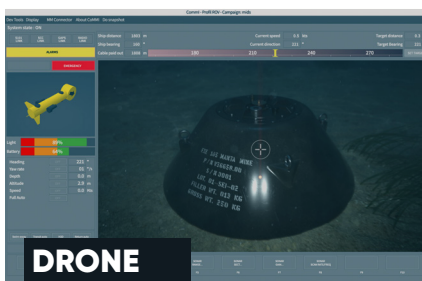
decades of operational know-how behind it, Umisoft ensures seamless coordination of unmanned systems—making missions faster, safer, and more efficient.

UMISOFT **COMPREHENSIVE MCM SOFTWARE SUITE**



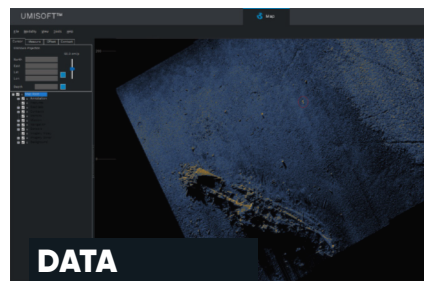
MISSION MANAGEMENT

Prepare Plan
Supervise Evaluate



DRONE CONTROL

Execute Monitor
Identify Replan



DATA MANAGEMENT

Detect Classify
Analyze Recognize

KEY FEATURES

- 01 Interfacing with Combat Management Systems (CMS), Mine Warfare Data Centers (MWDC), Military Message Handling Systems (MMHS)
- 04 Real-time decision support

- 02 Ability to manage multiple drones/tasks in parallel
- 05 Streamlined data management

- 03 Open architecture and interoperability
- 06 Intuitive interface



Additional
technical
specifications

1

**Advanced
stand-off safety**

Keeping crews & ships out
of harm's way with a fully
unmanned approach.

NATO-compliant systems.

2

**Accelerated and efficient
mine clearance**

Speeding up mine
clearance thanks to
parallelization of tasks.

AI-powered system for
more efficient missions.

WHY CHOOSE UMIS?

5

**Training
excellence**

High-standard training
facilities with direct
access to the sea for live
exercises.

Combining simulators
and real drone exercises
across various environ-
ments.

3

**Deployment
anywhere**

Fully containerized option
ready for rapid deploy-
ment from any platform.

Ship or shore-based
deployment options.

4

**Flexible and
scalable**

Open-architecture and
interoperability enabling
third-party drones /
systems integration.

Adaptable to various
naval needs & mission
profiles.

