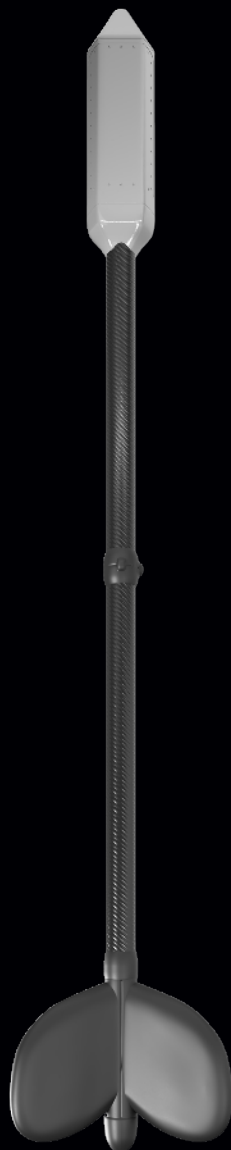


FastMag®



ANTI-SUBMARINE WARFARE
OPEN-SEA NAVAL MINE DETECTION

Applications

Flown above the surface, at sea or on land, the FastMag® is a high-speed magnetic sensing system that covers large areas in real time. From open water to dense forest, it detects submarines, mines and other hidden threats from the air, independent of sea state, and without putting personnel at risk.

■ ANTI-SUBMARINE AND ANTI-UUV WARFARE (ASW)

Operating at speeds up to 35 m/s, the FastMag® detects average-sized submarines at 250-500 metres depth in real time, covering up to 6,000 hectares per hour.

■ OPEN-SEA NAVAL MINE DETECTION

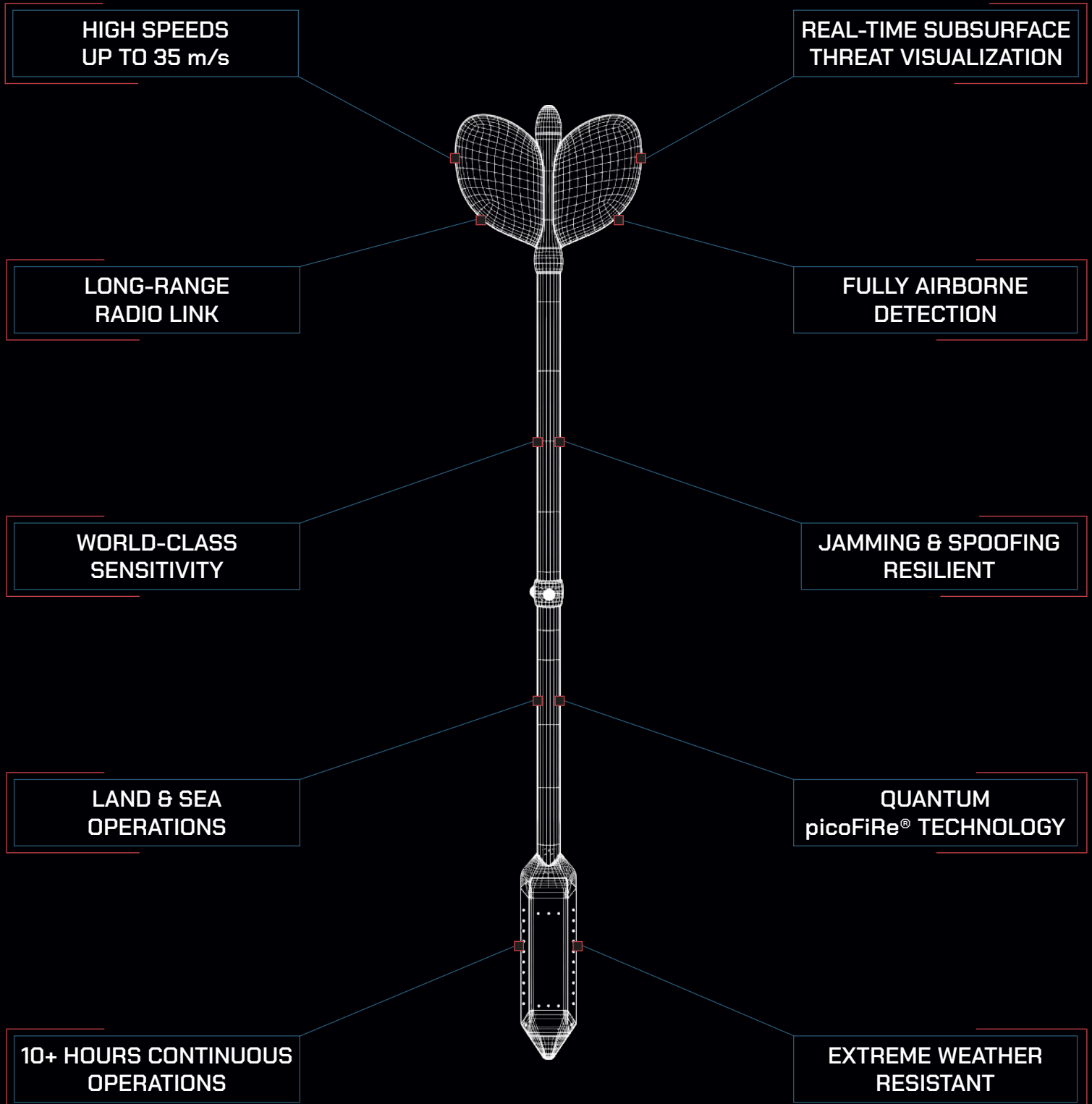
Detection of moored, bottom and buried naval mines, covering up to 70 hectares per hour. Every detection is reported in real time with high-precision X, Y and Z coordinates.

■ CONCEALED VEHICLE DETECTION

Where optical and LiDAR sensors are blocked by dense vegetation, the FastMag® detects armoured vehicles and command structures hidden beneath.



Key features



Proven in the harshest conditions, the FastMag® is the fastest airborne drone magnetic solution for ASW and open-sea naval mine detection. Real-time detection and high-speed coverage make large-area search possible in your missions.

Proven technology

TRUSTED BY MULTIPLE MINISTRIES OF DEFENSE

The FastMag® is powered by the same quantum picoFiRe® technology as the battle-proven V2Mag®, with 200+ systems deployed by armies and navies across Europe. Optimized for speed, the FastMag® brings that same proven sensing foundation to high-speed, real-time missions.

“STSS has begun using the V2Mag® extensively during underwater demining operations, showing outstanding performance in detecting surface and submerged munitions.”

State Special Transport Service Ukraine



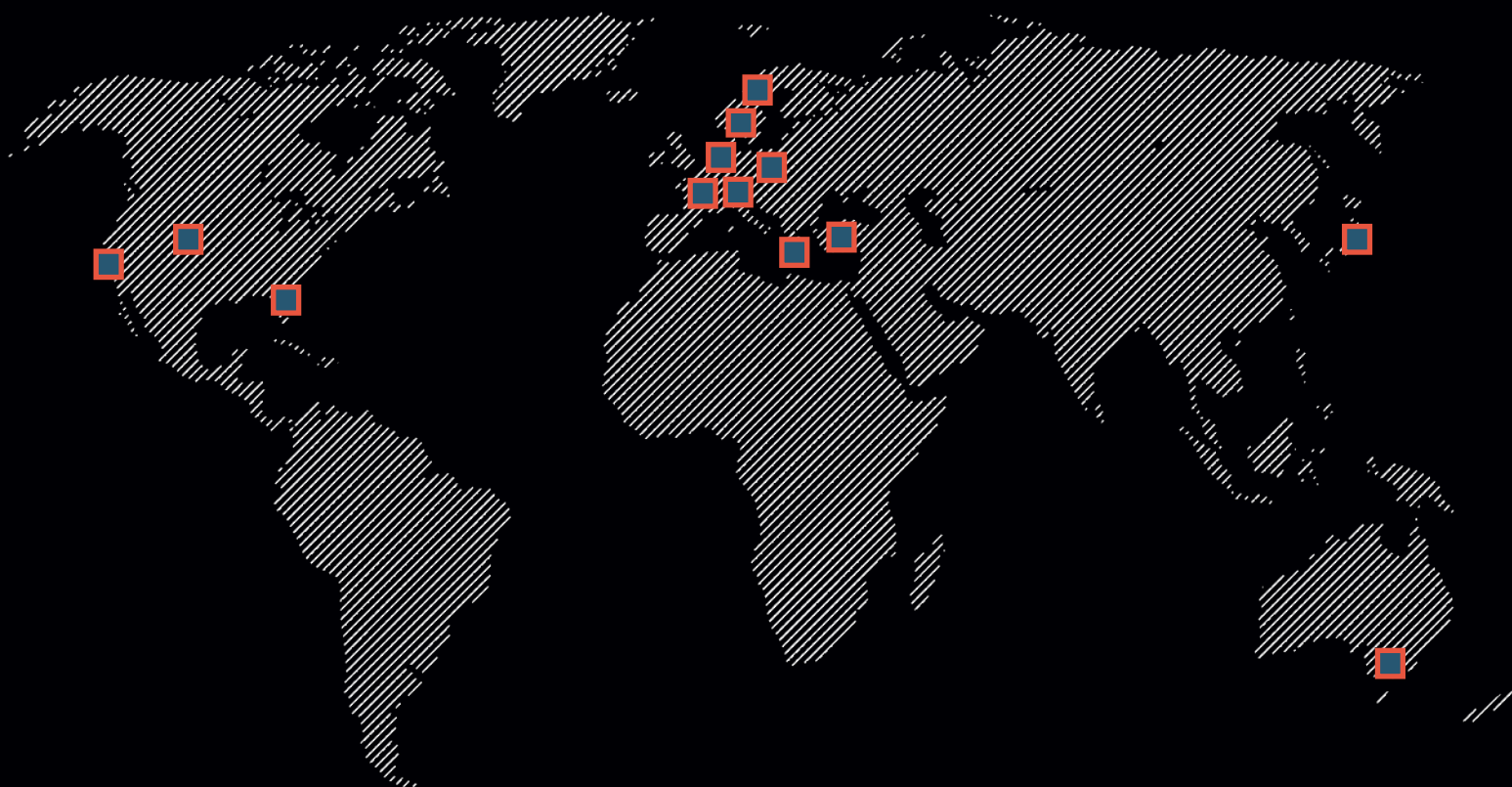
“It has been a pleasure for us to collaborate with your committed, knowledgeable and supportive team. The technology, teaching methods and program have been very well received.”

Swiss Army



20+ DRONE PARTNERS. EVERY MISSION COVERED.

The FastMag® is integrated on drone platforms from more than 20 partners around the world.



UMagMission®

PLAN

EXECUTE

DETECT

UMagMission® software is fully integrated with the FastMag®, covering your entire drone magnetic operation from mission planning and execution to real-time visualization of subsurface threats and advanced target analysis.

Grounded in years of field experience and professional magnetic theory, its intuitive interface makes advanced drone magnetics accessible to non-specialists.



ONE SOFTWARE, FULL OPERATION



REAL-TIME RESULTS IN THE FIELD



ADVANCED TARGET ANALYSIS



DESIGNED FOR NON-SPECIALISTS



NATO STANAG 4817 COMPLIANT



BATTLE-PROVEN SOFTWARE





Documented high-speed MAD solution for ASW and open-sea naval mine detection.

Book a demo, request a technical briefing or talk to our team about your operational requirements.

info@umagsolutions.com



About UMag Solutions

UMag Solutions is a Danish company specializing in high-performance quantum magnetic sensing systems for real-time imaging and characterization of subsurface threats.

Our systems are battle-proven and can be used on both land and sea.

www.umagsolutions.com

© UMag Solutions 2026
All rights reserved