

V2Mag®



LAND & NAVAL MINE DETECTION

Applications

Flown above the surface, at sea or on land, the V2Mag® is a high-sensitivity magnetic sensing system built for precise, real-time detection, covering up to 12 hectares per hour. From open water to inaccessible terrain, it detects mines, UXO and other hidden threats from the air, independent of sea state, and without putting personnel at risk.

■ IN COASTAL AREAS

With world-record sensitivity, the V2Mag® enables the detection of UXO and naval mines along the entire coastline, from the beach to a depth of 30m, no matter the sea state or water conditions.

■ IN HARBOURS

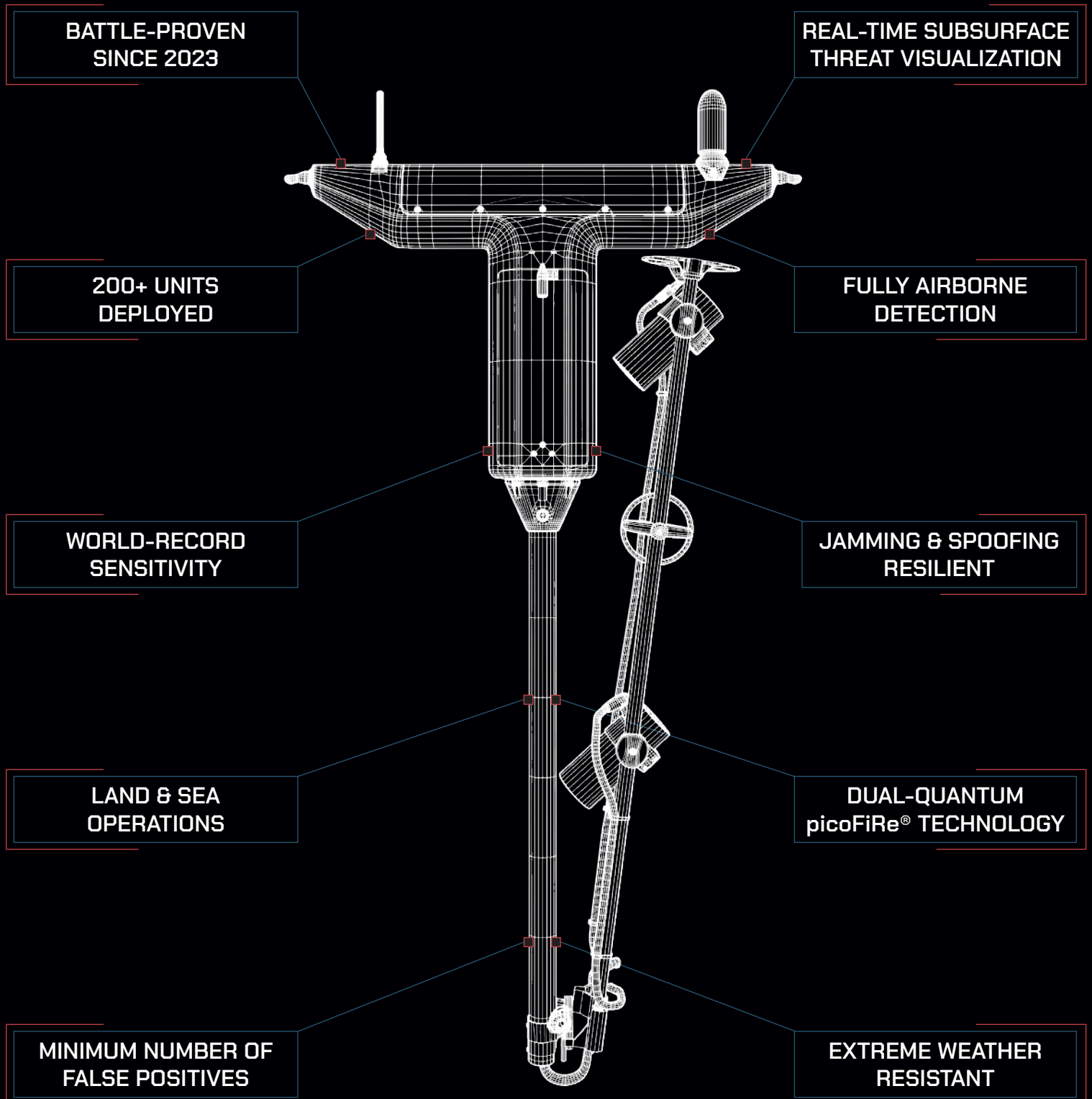
The superior accuracy of the V2Mag® enables magnetic change detection operations in harbours, allowing continuous monitoring of critical choke points.

■ ANYWHERE ON LAND

The extreme sensitivity and cm-level positioning of the V2Mag® makes it ideal for inaccessible land areas and buried targets.



Key features



With UMag's dual-quantum picoFiRe® technology and real-time subsurface threat visualization, the V2Mag® is the most trusted and validated airborne drone magnetic solution for land- and naval mine detection.

Proven in the field

TRUSTED BY MULTIPLE MINISTRIES OF DEFENSE

"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



"The V2Mag® demonstrated high performance in munition detection on surface and underwater."

State Emergency Service of Ukraine



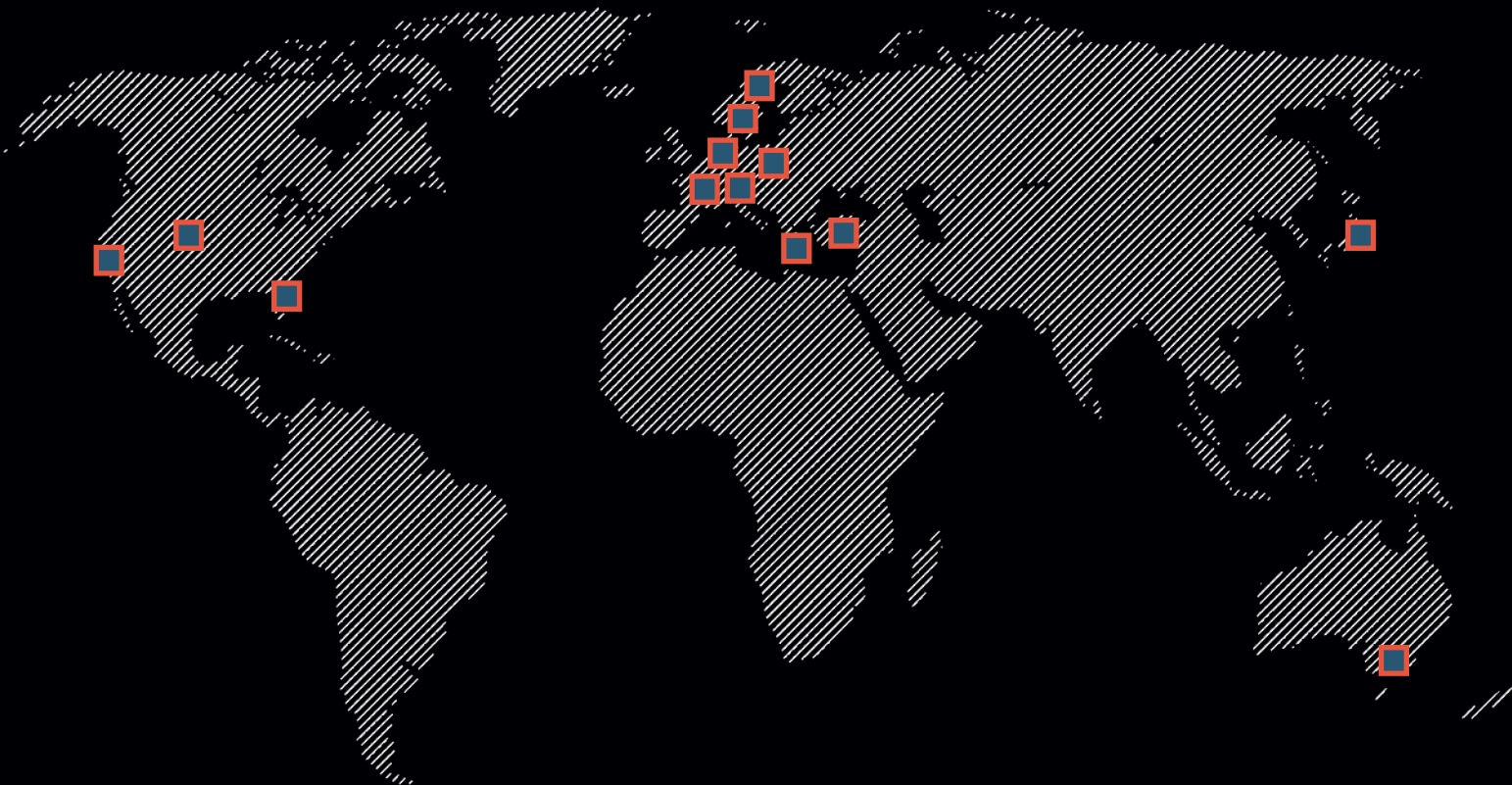
"It was noted by the Hirdes technical specialists, that the acquired data quality was very high."

Operations Manager, Boskalis Hirdes



20+ DRONE PARTNERS. EVERY MISSION COVERED.

The V2Mag® is fully integrated on drone platforms from more than 20 partners around the world.



UMagMission®

PLAN

EXECUTE

DETECT

UMagMission® software is fully integrated with the V2Mag®, 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



Reduce manpower and time for MCM operations, on land or at sea, with the V2Mag®.

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