

MDSI partners with Integrity ISR, LSAS Tec, and NAL Research for multi-domain situational awareness

AALBORG, DENMARK, January 29, 2025 /EINPresswire.com/ -- MDSI (EU & US) announced today collaboration partnerships with Integrity ISR, LSAS Tec, and NAL Research to pursue concept exploration and advanced development in multi-domain situational awareness. The partnership is initially focused on expanding Quantum Eye, MDSI EU's multi-domain situational awareness platform, which is now providing critical ISR services for Greenland.

The new high-performance team consisting of MDSI, Integrity ISR, LSAS Tec, and NAL Research will bring a best of industry approach to enhancing Quantum Eye's operational capability through the addition of

a Digitally-Integrated-Operations Development Environment (DIODE) and a DIODE LAB. These new systems engineering core will enable participants to explore options for multi-domain awareness using

the latest in modeling, simulation, analysis, and experimentation combined with rapid prototyping.

DIODE and DIODE LAB will blend the four critical elements of multi-domain awareness: teambuilding,

mission calculus, digital mission engineering, and prototyping. Quantum Eye's expert staP will assist

participants in applying state-of-the-art modeling and simulation tools to develop prototypes and

experiments. The prototypes and experiments will then be evaluated at Quantum Eye or the



participants
home location using DIODE LAB deployable mission centers.

"We are delighted to take our systems integrator experience from the IRSA Development Group (IDG) and ArcticX into this this exciting new venture," said Christian Steinø, Chief Executive Officer of MDSI.

"In addition, collaborating with our new partners will enable the Quantum Eye clients to rapidly explore many alternatives to meet their multi-domain awareness needs with significantly less cost and risk."

"The opportunity to provide authoritative data and training in a fully integrated environment is at the core of Integrity ISR capabilities," said Danielle Storan, Chief Executive Officer of Integrity ISR. "We are confident that Quantum Eye will be the commercial benchmark for multi-domain awareness, particularly in the Arctic, North Atlantic & Pacific, and Baltic Sea regions."

"Connecting multiple users through resilient communications and navigation in contested environments is the focus of NAL Research," said Robert Bills, Chief Executive Officer of NAL Research.

"Our contribution to Quantum Eye will be connectivity through the Iridium network, and other space-based, aerial, and terrestrial systems, using an affordable and accessible commercial architecture and proven edge systems."

LSAS Tec, Chief Executive Officer, Matthew Halferty, shared that "LSAS Tec has been instrumental in establishing capabilities like Quantum Eye in other locations with positive operational results. We look forward to supporting the entire team with proven architectures, advanced tools, and a network of providers that are truly world class."

[About Integrity ISR](#)

Integrity ISR offers a wide range of services for C4ISR, Space, and Cyber strategy, training, and operations that enable personnel to operate in any domain under any conditions, from permissive to highly contested/denied environments. Integrity ISR launched ISR University in May 2019 to revolutionize ISR, Space, and Cyber training, teaching student-centric courses to U.S. personnel, coalition partners, and the commercial space and defense industries. In 2021, ISR University's partnered with the US Space Force Associate to launch the Global Space University space training and

certification program--allowing them to bring space training to SFA members around the globe!

Integrity

ISR is a Small Business Administration-certified Economically Disadvantaged Woman-Owned

Small

Business.

[About LSAS Tec](#)

At LSAS Tec, we offer solutions that revolutionize the accessibility and efficiency of space technology

across the globe. Through our cloud-based platforms and intuitive interfaces, we simplify your approach, making space software and data more accessible to all. Committed to democratizing access, we provide comprehensive training and support, ensuring users from startups to universities

can harness our software's power. With a focus on improving efficiency throughout the space mission

lifecycle, from operations to design and analysis, we streamline workflows, eliminate silos, and accelerate adoption through dynamic training and certification programs. At LSAS Tec, we're dedicated

to expanding global access and transforming the landscape of space technology.

[About NAL Research](#)

NAL Research leads the industry in delivering innovative, global connectivity solutions that are trusted

by government and enterprise customers worldwide. A pioneer in satellite communications, IoT, and

GPS-independent assured positioning, navigation and timing products and services, NAL enables

customers to reliably communicate, track, and manage assets from any location in the world.

NAL

Research is an Iridium service partner and value-added manufacturer.

About MDSI

MDSI is an emerging leader in defense and security industry. Specializing in advanced system integration, MDSI develops mission-critical technologies such as state-of-the-art mission computers,

low-cost additive-manufactured edge devices, and AI-driven big data analysis services.

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