



PRESS RELEASE

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Deep Vision Inc. and Seiche Ltd have signed a Memorandum of Understanding (MoU) aimed at establishing a collaborative relationship in support of their respective business interests.

Deep Vision has expertise in the field of computer vision and unsupervised machine learning; in particular, Deep Vision has developed a highly advanced, unique, passive EO/IR technology that provides robust, real-time detection and tracking of marine mammals, vessels and other maritime assets on, or near, the surface of the water.

Seiche has expertise in the field of maritime environmental monitoring; in particular Seiche has developed a unique camera system, as implemented in their Mini Dual Camera, that has been specifically designed to aid the observation and monitoring of marine mammals (and other surface, and near surface objects).

Under this MoU, the two companies will advance collaborative efforts to develop a real-time camera-based system that can automatically detect, geo-locate, and quantify the presence of marine mammals and other maritime assets. The system will be resilient under all weather conditions and operable at both surface level and above, e.g. mast mounted for ships. By leveraging state-of-the-art unsupervised machine learning techniques, the system will be truly autonomous.

“We are thrilled to be working with Seiche, one of the most respected and forward-looking environmental monitoring companies on the planet. We are confident that the proposed system, once realised, will become a significant tool in protecting marine life. We are certain that such a tool is crucial for the ultimate survival of the North Atlantic right whale.” – Alan Parslow, CEO, Deep Vision.

Mark Burnett, CEO of Seiche Ltd, comments: “We are excited to be working with Deep Vision and their cutting-edge technologies, particularly their software capabilities that can rapidly assess changes in the environment and automatically tune detection algorithms to optimise performance. Our Seiche camera systems are currently providing environmental monitoring to clients around the world and this is an important next step in the provision of this technology to further protect marine life.”

About Deep Vision

Deep Vision is a 100% Canadian owned company based in Dartmouth, Nova Scotia, Canada. Deep Vision develops real-time, intelligent machine perception technology for autonomous systems. Deep Vision's AI enables systems or devices to detect, recognise, and interpret objects and events within complex and chaotic environments. Deep Vision is ISO 9001:2015 certified.

About Seiche

Seiche specialises in technology solutions and environmental service provision to support the protection of marine mammals from the effects of underwater sound in the ocean. Seiche designs, develops and manufactures underwater noise measurement and acoustic systems together with advanced visual detection technologies. The worldwide market leader in the provision of Passive Acoustic Monitoring (PAM) from simple single hydrophones to state of the art low noise optical data transmission systems, Seiche's solutions utilise various deployment techniques to suit different environments.

Camera systems using HD Video, Thermal Imaging and handheld iPads have all been developed for environmental mitigation work. The company's proprietary software for Real-time Automated Distance Estimation at Sea (RADES) enables accurate assessment of a marine mammal's distance from a sound source.

For more information please contact:

Deep Vision
+1 902-461-1615
media@deepvision.ca

Seiche
+ 44 7591 207572
media@seiche.com