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Ondas Holdings' American Robotics Partners with Senhive to Elevate Autonomous UAS Operations Through Advanced Integration of Airspace Surveillance Systems

Combined offering for global market with strengthened operational efficiency through the integration of Senhive's solutions into American Robotics' product portfolio

Senhive's solutions have been implemented in more than 14 countries including one of the largest maritime ports in the world

American Robotics has received an industry-leading FAA-approved BVLOS waiver, allowing it to operate its Optimus System in a complex environment, utilizing a ground-breaking suite of technologies for Detect and Avoid (DAA)

Demonstrating real-world operational success in collaboration with MassDOT and Mass Maritime Academy

MARLBOROUGH, MA / ACCESSWIRE / March 12, 2024 /Ondas Holdings Inc. (NASDAQ:ONDS) ("Ondas" or the "Company"), a leading provider of private industrial wireless networks and commercial drone and automated data solutions, announced today that its wholly owned subsidiary American Robotics Inc. ("American Robotics") is proud to announce a strategic partnership with Belgium-based Senhive BV, ("Senhive") a leading provider of innovative airspace security solutions. This partnership represents a significant milestone for both companies, enhancing their product and service offerings and advancing safe and autonomous uncrewed aircraft systems (UAS) operations across defense, government, and commercial sectors.

The collaboration between American Robotics and Senhive enables integrated autonomous drone operations, incorporating cutting-edge Detect and Avoid (DAA), airspace safety and surveillance, and Counter Unmanned Aircraft Systems (C-UAS) solutions. Senhive products are trusted and used throughout the world and have been selected to provide airspace security and safety in Europe's biggest harbors like the Port of Antwerp, as well as in locations spanning from Antarctica to significant global events hosting millions of people.

Notably, this partnership was front-and-center this past week, where American Robotics conducted a demonstration in collaboration with the Massachusetts Department of Transportation Aeronautics (MassDOT) and hosted by Massachusetts Maritime Academy (MMA), where the combined team flawlessly operated Beyond Visual Line of Sight (BVLOS) drone missions under an FAA-approved waiver, completing challenging and wide-ranging data collection for maritime and infrastructure inspection, perimeter security, emergency management, and more using American Robotics' Optimus sUAS and the Senhive suite of products. This demonstration showcased the effectiveness of both companies' technologies in real-world scenarios, highlighting their commitment to innovation and safety.

Commenting on the partnership, American Robotics CEO, Timothy "T3" Tenne stated, "We are thrilled to engage with Senhive, aligning with our shared vision of advancing autonomous UAS operations. Senhive's expertise in airspace management and safety perfectly complements our commitment to delivering world-class autonomous technologies. Together, we are poised to redefine the standards in autonomous drone operations, enhancing safety and efficiency across multiple sectors."

Senhive CEO, Thomas Petracca stated, "Senhive's systems have been trusted and proven for over 5 years in more than 14 countries, and we believe the combined offering between American Robotics and Senhive is one of the safest autonomous systems on the market, complying to the highest standards within aviation and UAS industries."

As part of the collaboration, American Robotics and Senhive will integrate airspace safety

technologies into American Robotics' product portfolio and will offer customers a multitude of standalone solutions. This integration will empower customers with enhanced capabilities, including real-time monitoring, streamlined operations, advanced DAA and C-UAS functionalities, Remote ID monitoring, and revolutionizing UAS operations in complex environments.

American Robotics CEO Timothy Tenne along with Thomas Petracca, Senhive CEO

About Ondas Holdings Inc.

Ondas Holdings Inc. ("Ondas") is a leading provider of private wireless data solutions via Ondas Networks Inc. ("Ondas Networks") and commercial drone solutions through Ondas Autonomous Holdings Inc. via its wholly-owned subsidiaries American Robotics, Inc. ("American Robotics" or "AR") and Airobotics LTD ("Airobotics"), which we operate as a separate business unit called Ondas Autonomous Systems.

Ondas Networks is a developer of proprietary, software-based wireless broadband technology for large established and emerging commercial and government markets. Ondas Networks' standards-based (802.16s), multi-patented, software-defined radio FullMAX platform enables Mission-Critical IoT (MC-IoT) applications by overcoming the bandwidth limitations of today's legacy private licensed wireless networks. Ondas Networks' customer end markets include railroads, utilities, oil and gas, transportation, aviation (including drone

operators) and government entities whose demands span a wide range of mission critical applications.

Our Ondas Autonomous Systems business unit designs, develops, and markets commercial drone solutions via the Optimus System™ - the world's first FAA certified small UAS (sUAS) developed for aerial security and data capture and the Iron Drone Raider™ (the "Autonomous Drone Platforms"). The Autonomous Drone Platforms are highly automated, AI-powered drone systems capable of continuous, remote operation and are marketed as "drone-in-a-box" turnkey data solution services. They are deployed for critical industrial and government applications where data and information collection and processing are required. The Autonomous Drone Platforms are typically provided to customers under a Data-as-a-Service (DaaS) business model. American Robotics and Airobotics have industry leading regulatory successes which include a first of its kind FAA Type Certification for the Optimus System and having the first drone system approved by the FAA for automated operation beyond-visual-line-of-sight (BVLOS) without a human operator on-site.

Ondas Networks, American Robotics and Airobotics together provide users in oil & gas, rail, mining, agriculture, public safety and other critical infrastructure and government markets with improved connectivity and data collection and information processing capabilities.

For additional information on Ondas Holdings, visit www.ondas.com or follow Ondas Holdings on X formerly known as Twitter and LinkedIn. For additional information on Ondas Networks, visit www.ondasnetworks.com or follow Ondas Networks on X and LinkedIn. For additional information on American Robotics, visit www.american-robotics.com or follow American Robotics on X and LinkedIn. For additional information on Airobotics, visit www.airoboticsdrones.com or follow Airobotics on X and LinkedIn.

Information on our websites and social media platforms is not incorporated by reference in this release or in any of our filings with the U.S. Securities and Exchange Commission.

Forward-Looking Statements

Statements made in this release that are not statements of historical or current facts are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. We caution readers that forward-looking statements are predictions based on our current expectations about future events. These forward-looking statements are not guarantees of future performance and are subject to risks, uncertainties and assumptions that are difficult to predict. Our actual results, performance, or achievements could differ materially from those expressed or implied by the forward-looking statements as a result of a number of factors, including the risks discussed under the heading "Risk Factors" discussed under the caption "Item 1A. Risk Factors" in Part I of our most recent Annual Report on Form 10-K or any updates discussed under the caption "Item 1A. Risk Factors" in Part II of our Quarterly Reports on Form 10-Q and in our other filings with the SEC. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise that occur after that date, except as required by law.

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