

Siemens Mobility to present Airlink Wireless Radio System in Live DemoCast

Highlights New Capabilities in the 900 MHz Railroad Frequency Band

NANTUCKET, MA / ACCESSWIRE / September 16, 2021 /Ondas Holdings Inc. (NASDAQ:ONDS) ("Ondas"), a leading provider of private wireless data and drone solutions through its wholly owned subsidiaries Ondas Networks Inc. ("Ondas Networks") and American Robotics, Inc. ("American Robotics" or "AR"), today announced that Siemens Mobility will be holding a live DemoCast illustrating their new Airlink Wireless Radio System for the North American Rail Market. The family of Airlink Mission Critical IoT (MC-IoT) radios are the result of Siemens Mobility's exclusive partnership with Ondas Networks to bring next generation wireless products to the North American Rail Market. These new Airlink products are based on Ondas Networks' standards-based (IEEE 802.16s) software defined radio technology.

The live demonstration will be held this Friday, September 17th at 1:00 PM ET as part of Progressive Railroading's Demo Week of innovative products and services in the rail industry. The demonstration will highlight the advanced capabilities of the Siemens-branded Airlink wireless products in the newly allocated 900 MHz railroad band. The wireless products offer the rail industry many benefits including a cost-effective migration path from today's single purpose, legacy, proprietary wireless networks to IP-enabled, wide-area communication networks for mission-critical rail applications. The live demonstration will show new scalability by enabling the aggregation of non-adjacent frequency channels for increased capacity, the use of time division duplexing for greater efficiency and additional high performance and security characteristics.

"Reliable, wireless connectivity is a key enabler of the digitalization of our railroads and will pave the way for increased automation." said Tobias Bauer, Senior Vice President Rail Infrastructure, Siemens Mobility Inc. "With our new Airlink Radios from Siemens Mobility and Ondas Networks, we are making advances in private wireless networking and creating new standards to build the next-generation of IP-based communication."

"Siemens Mobility continues to be our ideal partner to accelerate the adoption of our wireless technology," stated Eric Brock, CEO of Ondas Networks. "Furthermore, our relationship with Siemens continues to grow beyond the North American Rail Market and now includes new development programs to address worldwide rail markets. We look forward to the continued progression of our partnership to bring even greater innovation to MC-IoT markets."

To register for the live Siemens Mobility DemoCast, please visit [Progressive Railroading](#).

About Ondas Holdings Inc.

Ondas Holdings Inc. ("Ondas") is a leading provider of private wireless data and drone

solutions through its wholly owned subsidiaries Ondas Networks Inc. ("Ondas Networks") and American Robotics, Inc. ("American Robotics" or "AR"). Ondas Networks is a developer of proprietary, software-based wireless broadband technology for large established and emerging industrial 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. American Robotics designs, develops, and markets industrial drone solutions for rugged, real-world environments. AR's Scout System™ is a highly automated, AI-powered drone system capable of continuous, remote operation and is marketed as a "drone-in-a-box" turnkey data solution service under a Robot-as-a-Service (RAAS) business model. The Scout System™ is 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 and American Robotics together provide users in rail, agriculture, utilities and critical infrastructure markets with improved connectivity and data collection capabilities.

For additional information on Ondas Networks and Ondas Holdings, visit www.ondas.com or follow Ondas Networks on Twitter and LinkedIn. For additional information on American Robotics, visit www.american-robotics.com or follow American Robotics on Twitter 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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