

PLATAINE PARTNERS WITH NIAR ATLAS TO PROMOTE INNOVATION AND DIGITALIZATION IN AEROSPACE

Waltham, MA, March 21st, 2023 - Plataine, a leading provider of [AI and Industrial IIoT-based manufacturing optimization solutions](#), is excited to announce a partnership with the Advanced Technologies Lab for Aerospace Systems (ATLAS), part of the National Institute for Aviation Research (NIAR) at Wichita State University, to explore opportunities for further digital transformation of advanced manufacturing processes through data analytics.

Carbon fiber materials will be tracked using Plataine's [time sensitive material management technology](#) for advanced manufacturing and aerospace composites. This will demonstrate effective digitization of the composite process and time sensitive material management best practices to the next generation of advanced material leaders.

Researchers at NIAR ATLAS will examine how Plataine's technology can help manufacturers and advanced material vendors drive innovation while undertaking industry challenges such as labor shortages, supply chain disruption, sustainability and delays caused by use of expired materials.

NIAR has a strong history of leading aviation industry research, and the partnership with Plataine will build on its advanced manufacturing research and development to fuel further innovation. ATLAS provides a multi-disciplinary manufacturing and applied learning environment, and Plataine will make full use of the facility's state-of-the-art machines, software, and processing technologies.

Announcing the partnership, **Avner Ben-Bassat, CEO & President at Plataine**, says, "We are proud to partner with NIAR of Wichita and are looking forward to finding new ways to tackle the challenges of our industry through digitization and automation of factories. Working alongside individuals who share our commitment and vision of delivering groundbreaking innovative technology to the aviation industry is a privilege." Ben-Bassat adds, "This partnership will prepare engineers and educators for the Factory of the Future, demonstrate new ways for manufacturers to meet increased production demand and help current workforces make the seamless transition to advancements in the workplace."

NIAR has built a strong relationship with various divisions of the U.S. Department of Defense, leading to a fifth place ranking among U.S. universities in a list of federally funded aerospace R&D expenditures, with \$63 million in funding.

Dr. Waruna Seneviratne, Director of NIAR ATLAS, comments: "Being a part of the applied learning ecosystem at Wichita State and working with our industry partners, NIAR researchers are dedicated to driving innovation, advancing knowledge, and defining best practices in the field of aviation and composites."

"We are evaluating game-changing solutions for rising production demand and industry challenges such as supply chain and labor shortages. Working with Plataine dovetails with our vision, enabling us to continue looking toward the future of advanced manufacturing and inspiring the leaders of tomorrow."

About Plataine

Plataine is the leading provider of Industrial IoT and AI-based optimization solutions for advanced manufacturing. Plataine's solutions provide intelligent, connected Digital Assistants for production floor management and staff, empowering manufacturers to make optimized decisions in real-time, every time. Plataine's patent-protected technologies are used by leading manufacturers worldwide, including Airbus, GE, IAI, Triumph, MRAS (an ST Engineering company), Alestis, Kineco-Kaman, IFS, Light & Strong, Kanfit and Ethan Allen. Plataine partners with SAP, Siemens PLM the Advanced Manufacturing Research Centre (AMRC) with Boeing, and CTC GmbH (an Airbus Company), and is also a part of the UK National Composites Centre (NCC) membership network, to advance the 'Factory of the Future' worldwide. For this work, Plataine has received Frost & Sullivan's 2021 Global Technology Innovation Leadership Award for its AI-Based Digital Assistants for Manufacturing and Innovation Awards from the JEC, Plataine Receives SME 2021 Excellence in Composites Manufacturing Award and CompositesUK organizations. Plataine is ISO 27001 certified for compliance with information security management requirements. For more information, visit: <http://www.plataine.com>.

About NIAR

Wichita State University's [National Institute for Aviation Research](#) provides research, testing, certification and training for aviation and manufacturing technologies. Established in 1985, NIAR has a \$200 million annual budget, over 1,300 employees and 1.6 million square feet of laboratory and office space in six locations across the city of Wichita, the Air Capital of the World. NIAR laboratories include Additive Manufacturing, Advanced Coatings, Advanced Manufacturing, Ballistics/Impact Dynamics, Composites/Advanced Materials, Crash Dynamics, Digital Twin, Engineering Design/Modification, Environmental/ Electromagnetic Test, Full-Scale Structural Test, Nondestructive Test, Reverse Engineering, Robotics/Automation, Virtual Engineering, extended Reality and the Walter H. Beech Wind Tunnel. www.niar.wichita.edu

About Wichita State

Wichita State University is Kansas' only urban public research university, enrolling almost 22,000 students between its main campus and WSU Tech, including students from every state in the U.S. and more than 100 countries. Wichita State and WSU Tech are recognized for being student centered and innovation driven. For more information, visit www.wichita.edu.