PLATAINE
people-smart automation

Atlas Composites Optimizes Manufacturing Operations with Plataine's IIoT Solution

Tel-Aviv, Israel, October 16th, 2019 – Atlas Composites, one of the UK's most accredited composites parts manufacturers, has announced major improvements in manufacturing optimization and efficiencies through implementing Plataine's Industrial IoT solution. Atlas, which supplies a variety of industries – including aerospace, motorsports, defense and space – aspired to upgrade its manufacturing operations to support their rapid growth. Particularly important requirements included the need to digitize operations, improve factory floor visibility while maintaining its first-class reputation for on-time delivery. The Plataine solution enabled Atlas Composites to meet all objectives as well as improve quality control, reduce waste and drive labor efficiency.

Plataine was selected due to its strong track record of successful deployments in the composite parts manufacturing sector, and thanks to its globally recognized proficiency at IIoT and AI for manufacturing. Plataine's technology collects factory sensor data and delivers real-time tracking and visibility of critical assets such as tools, kits, machines and time-sensitive raw material. Monitoring and managing the facility's 1,300 tools eliminates production delays caused by missing tools, and recommend optimal time for maintenance, based on AI and analytics of actual usage.

Lloyd Pearson, Managing Director, Atlas Composites says: "We selected Plataine after comprehensively surveying the market for innovative Industry 4.0 solution providers. Plataine's solution is an important milestone of our Digital Transformation journey and will help us shorten manufacturing cycles and improve our operations and quality control."

Plataine's IIoT-based solution also reduces material waste by ensuring the optimal raw materials are always selected for the suitable job, and that time-sensitive material rolls are tracked in real-time when they move in & out of storage. AI-based Digital Assistants offer predictive alerts, actionable insights and real-time recommendations to staff, allowing them to further optimize their operations and deal with production challenges even before they occur. Meanwhile, all production data is stored forming a Digital Thread, a record of the entire production process, from raw material to end-product. Additionally, process automation reduces human error and allows more efficient use of labor by freeing up skilled workers from mundane tasks such as manual calculations and paperwork.

Avner Ben-Bassat, President and CEO of Plataine adds: "The cutting-edge processes at Atlas Composites - which operates in some of the world's most demanding and fast-changing industries – are impressive. Atlas must constantly adapt new technologies to keep ahead of the competition and I am confident Plataine's technology will enable them to maintain their market-leading position."

Join us on a Design and Manufacturing session at 'Composites in Motorsport' (a NetComposites event, Oct. 22nd, Oxford, UK) chaired by Plataine, to learn more about the latest IIoT Technological Advancements.

Plataine will present its Automated Solutions for Optimization of Composite Material Processes at 'Advanced Engineering', Oct. 31, 2019, Birmingham, UK.

Join us at JEC Asia, for a key note speak on the 4th Industrial Revolution: Implementing IIoT and AI to Composite Materials & Manufacturing with Avner Ben-Bassat, Founder & CEO of Plataine, Nov. 14, 2019 Seoul Korea.

About Atlas Composites
Atlas Composites is one of the UK's most accredited and trusted composite component manufacturers. The company supplies a variety of demanding industries where product quality is paramount including the aerospace, motorsports, defense, space and composites R&D industries. Atlas provides a complete concept to component service for the manufacture of composite components and tooling. Atlas's extensive knowledge and understanding of composite engineering allows them to continually adopt new composites manufacturing methods and technologies. The result is a process of continuous innovation, ensuring the delivery of composite components that are stronger, lighter, more efficient and more cost effective. The company prides itself on a highly skilled engineering workforce and continual investment in the latest manufacturing technologies. This ensures they are always ready to face the most demanding composite component manufacturing challenges. For more information, visit https://www.atlascomposites.com/

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, Renault F1® Team, IAI, Triumph, General Atomics, TPI Composites, AAT Composites and MT Aerospace. Plataine partners with Google Cloud, Siemens PLM, McKinsey & Company, TE Wire & Cable, VIRTEK, the AMRC with Boeing, and CTC GmbH (an Airbus Company), to advance the 'Factory of the Future' worldwide. For this work, Plataine has received a Leadership Award from Frost & Sullivan and Innovation Awards from the JEC and CompositesUK organizations, as well as the Shanghai Society of Aeronautics (SSA). For more information, visit: www.plataine.com