

## ALESTIS AEROSPACE SELECTS PLATAINE'S IIOT SOLUTION TO OPTIMIZE THEIR BRAZILIAN MANUFACTURING OPERATION

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**Waltham, MA USA, Oct. 7, 2020** - Alestis Aerospace, a leading provider of aerostructures for the largest aerospace OEMs and suppliers, selected [Plataine's IIoT solution](#) for [manufacturing optimization](#) at their composite part manufacturing facility in Brazil – Alestis do Brasil.

Plataine's solution will automate the production workflow and [optimize cut-planning processes](#), delivering significant time savings and improved material yield, especially crucial in challenging times of uncertain supply of raw materials and cost pressures. Automated and optimized dynamic cut plans result in improved quality and quality control, while production delays are reduced by removing the risk of inefficiencies and human errors. The entire evaluation process at Alestis do Brasil was done remotely thanks to Plataine's cloud-based solution. Plataine's deployment is being done remotely and was successfully concluded, within a short timeframe, considering the harsh implications imposed by the COVID-19 pandemic.

Plataine was selected by Alestis do Brasil due to its strong technical reputation and track record for the deployment of IIoT solutions at various companies in the aerospace parts manufacturing sector. Alestis do Brasil will use Plataine's technology to achieve a significant improvement in manufacturing cycles and material yield with a fully automated nesting and cut planning solution, automatically producing the [optimal cutting and kitting](#) plans, optimally assigning the right job to the right machine, at the right time. Process automation, reducing manual tasks, will also free up the time of skilled workers for other tasks, while further improving efficiency and avoiding quality defects affecting product delivery, reducing rework and scrap.

Automated record keeping and reporting eliminates manual paperwork, allowing complete traceability from raw material to end-product, with the [Digital Thread](#). The Plataine solution was seamlessly integrated with Alestis's existing IT systems and will be able to take pending work orders and on-hand inventory into account, to dynamically adapt to the changing manufacturing constraints at the Brazilian facility. The deployment, that was carried out swiftly and completely remotely, caused zero downtime at Alestis do Brasil, and was in line with the new policy to minimize site visits to the factory.

**Carlos Alberto Daluz, CEO of Alestis do Brasil**, comments: "In increasingly uncertain times imposed by the COVID-19 pandemic, it is even more important for us to become as lean and as efficient as possible. I am confident that Plataine's solution will help us maintain our position as a cutting-edge supplier to the global aerospace industry, and will allow us the agility needed to adapt and thrive in times of unexpected crisis, such as the one we are living through today."

**Avner Ben-Bassat, President and CEO of Plataine**, adds: "The recent uncertainty in the global business landscape underlines the need for manufacturers to improve their competitive position. There is no doubt that Alestis do Brasil is a company at the top of its game, supplying the largest global aerospace organizations. We are proud to work with them to help them improve their position even further."

### 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<sup>®</sup> Team, Stelia North

America, Muskogee Technology, IAI, Triumph, General Atomics, TPI Composites, AAT Composites and MT Aerospace. Plataine partners with Siemens PLM, McKinsey & Company, VIRTEK, the AMRC with Boeing, and CTC GmbH (an Airbus Company), and is also a part of the National Composites Centre (NCC) membership network, 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](http://www.plataine.com)

**About Alestis Aerospace and Alestis do Brasil:**

Alestis Aerospace is a major supplier of aerostructures and is a leader at aerospace engineering and at composite material manufacturing technologies. Customers include the largest aerospace companies and suppliers such as Airbus, Boeing, Embraer, Rolls Royce and General Electric. The core business of Alestis is the design, development, engineering, manufacturing and long-term support of complex composite aerostructures. Alestis do Brasil specialises in aerospace composite materials including ply cutting, assembly, and hand and manual lay-up, For more information, visit: <http://www.alestis.aero/>