

Press release

Liebherr and Asia Digital Engineering sign Health Management cooperation agreement

Liebherr-Aerospace and Asia Digital Engineering (ADE) announce their agreement on a trend-setting Health Management cooperation. The collaboration will enhance predictive maintenance capabilities for the Airbus A320ceo/neo on ADE's digital fleet management platform ELEVADE and will enable ADE to benefit from a growing set of predictive maintenance algorithms and trend monitoring applications by Liebherr.

Singapore (Singapore), September 2024 – Liebherr-Aerospace and Asia Digital Engineering (ADE) have signed a cooperation agreement during the event MRO Asia-Pacific 2024. Based on this collaboration, ADE will benefit from Liebherr-Aerospace's set of predictive maintenance algorithms and further trend monitoring applications. Combined with advanced technical support, these will bring added value to the maintenance of the full scope of Liebherr products, i.e. bleed, air management, and flight control components on board Airbus A320 / A321 aircraft.

ADE's own digital fleet management platform ELEVADE is Asia's first commercially available aircraft health management system. Built as a comprehensive ecosystem, it streamlines real-time aircraft health monitoring, encompassing a large fleet of Airbus aircraft and will be continuously fed by Liebherr-Aerospace's health management predictors, which are tailored to the products developed by the European Original Equipment Manufacturer (OEM). The tool helps to manage and monitor the health status of aircraft and manages, analyzes and predicts unexpected issues in real time.

"This collaboration with ADE highlights the growing need from the aerospace industry for new digital solutions that we can provide," said Alex Vlieland, Chief Customer Officer of Liebherr-Aerospace & Transportation SAS. "These new predictors based on our vast OEM and customer service experience will fit perfectly into ADE's current offer and match with their objective to support fleet performance."

Adnan Mansur, Head of Innovation and Digital Services at ADE, said: "At ADE, we are committed to pushing the boundaries of innovation to deliver a high-quality, reliable product for airlines. Our partnership with Liebherr-Aerospace enables us to integrate industry-leading predictive maintenance solutions into ELEVADE, allowing us to proactively identify and resolve potential issues before they affect operations. We look forward to providing airlines with a cutting-edge solution that enhances fleet performance and streamlines maintenance management".

About Liebherr-Aerospace & Transportation

Liebherr-Aerospace & Transportation SAS, headquartered in Toulouse (France), is one of 13 product segments of the Liebherr Group and a first-tier provider of on-board solutions in the aerospace and transportation industry, contributing to a more sustainable transport through innovative products, best in class services and performance excellence.

The aerospace product portfolio offered to civil and defense customers includes environmental control and thermal management systems, flight control and actuation systems, landing gears as well as on-board electronics. For rail vehicles of all kinds Liebherr offers heating, ventilation and air conditioning systems, passive and active hydraulic systems for braking, damping, axle steering and levelling. Furthermore, Liebherr serves the commercial vehicle market with trailer cooling systems.

About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation and bringing industry-leading solutions to its customers. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

About ADE (Asia Digital Engineering)

Founded in September 2020, ADE is a wholly owned subsidiary of Capital A Berhad, based in Klia2, Kuala Lumpur, Malaysia. ADE leverages the AirAsia's Engineering Department's best practices and unsurpassed combined experience in the region. ADE offers a range of aircraft services for line maintenance, base maintenance, workshop, component and warehouse services, and engineering support services.

Equipped with state-of-the-art infrastructure and facilities and our vast experience in airline engineering managing the world's best low-cost airline, ADE aims to uphold the highest standards when it comes to professional integrity, quality, reliability, driving greater efficiencies and safety, for all of our customers at all times.

Image



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Liebherr-Aerospace and Asia Digital Engineering (ADE) have entered into a cooperation agreement for health management. Representatives from Liebherr-Aerospace and ADE attended the official signing ceremony at MRO Asia-Pacific 2024. – © Liebherr

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