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Lufthansa Cargo launches development of innovative virtual reality training for aircraft loading supervisors

Carrier continues to actively drive forward digitalisation projects within the industry

Lufthansa Cargo is starting to develop a new type of virtual reality (VR) training for aircraft loading supervisors, once again setting new standards in the air freight industry. With this pioneering training method, the company is setting new standards in the training of ground personnel and strengthening its position as an innovation leader in the logistics industry.

The VR training is designed to prepare employees for their aircraft handling tasks in a realistic manner – flexibly, safely and independently of operational requirements. Processes, safety regulations and communication can be practised intensively in a virtual environment. The immersive nature of VR technology allows learning content to be conveyed more intensively and promotes a lasting practical understanding of the processes. In addition, learning content is internalised much more quickly, as training participants can focus better on the content.

"With this project, we are not only strengthening the qualifications of our Aircraft Loading Supervisors, but also our role as an innovation driver in the industry. This technology allows us to train our employees in a practical manner while ensuring the highest safety and efficiency standards," says Momo Ruzic, Station Manager Frankfurt at Lufthansa Cargo.

The rollout of the first module of the training is scheduled for October 2025. Lufthansa Cargo is one of the first companies in the air freight industry to use this innovative technology to train aircraft loading supervisors, underlining its claim to be a pioneer in digital solutions and training methods. The use of VR not only offers a cost-efficient and flexible training option, but also an environmentally friendly alternative to conventional training methods, as fewer physical resources are required and the learning content can be delivered in a consistently high quality.

Lufthansa Cargo

Lufthansa Cargo is one of the world's leading cargo airlines and part of the Lufthansa Group, Europe's largest airline group. Through its five cargo hubs in Frankfurt, Munich, Brussels, Vienna and Rome, the airfreight specialist transports an average of 2,500 tons of freight per day. This is based on a strong and reliable airport-to-airport network that covers some 350 destinations in more than 100 countries. Lufthansa Cargo markets the cargo capacities of the passenger aircraft of Lufthansa Airlines, Austrian Airlines, Brussels Airlines, Discover Airlines, ITA Airways and SunExpress, as well as its own freighter fleet of 18 Boeing 777F and four Airbus A321F. In addition, some 300 trucks operate daily under a Lufthansa Cargo flight number. Together with its subsidiaries, Lufthansa Cargo offers customized, fast and efficient logistics solutions along the entire supply chain. In this way, the company fulfills its mission "Enabling Global Business" and connects markets

and trading partners worldwide. Innovative technologies and investments in sustainability play a central role. In addition to a modern fleet and the use of sustainable aviation fuel (SAF), the focus is on continuous optimization of flight operations. In 2024, the company generated revenues of 3.26 billion euros and a transport performance of 8.5 billion freight tonne-kilometers. It currently employs approximately 4,200 people worldwide.

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