

PRESS RELEASE

LUFTHANSA AVIATION TRAINING (LAT) AND 3SPIN LEARNING DEVELOP AI-SUPPORTED CREW TRAINING WITH APPLE VISION PRO

- Vision Pro opens a new chapter in digital training design
- LAT is researching the future of AI-supported training for airline crews
- Benefits of physical and virtual environments are combined in realistic scenarios

In close cooperation with Apple and Darmstadt-based 3spin Learning, LAT is taking crew training to a new dimension. While training for crews has traditionally been accomplished analog and lacking in surprises for trainees, concepts will noticeably evolve in the future with the help of Apple's Vision Pro based on its advanced technology. The jointly developed application will initially focus on soft skills training.

Virtual Reality (VR) has played a significant role in LAT's training routine for several years. Currently, 20,000 training sessions are conducted annually at two VR hubs in Frankfurt and Munich, contributing to higher training efficiency and cost savings. The merging of the virtual world and reality has been limited, but Apple's Vision Pro opens up new possibilities based on the available technology.

As the world's first application in the field of aviation training, a de-escalation training specifically for Vision Pro has been realized. This scenario is particularly suitable because it allows for the simulation of varying, situational passenger behavior using Artificial Intelligence (AI) while considering the reactions of the crews. Prior to the official launch in the US in early February, Apple granted the opportunity to extensively test the designed software.

The training utilizes the innovative features of Apple's Vision Pro in "Spatial Computing" to depict realistic situations in an overlay of virtual cabin environment and the real world in the training center. By integrating AI algorithms, the learning content is highly individualized and tailored to the needs of the trainees and thus enables effective and efficient training.

Trainees receive real-time feedback from instructors, who also get the ability to adjust situations and passenger behavior. The ultimate goal is to individually promote the required competencies of the crews. No two trainings are alike.

"We are excited about the new possibilities that Apple's Vision Pro offers. LAT aims to actively unlock the potential of this advanced technology for aviation training." (Gilad Scherpf, Senior Director Aviation Training Development Lufthansa Group)

"The combination of AI and Spatial Computing heralds a paradigm shift for soft skills training. As such courses no longer need to be laboriously programmed using our authoring tool, I look forward to a rapid spread of this learning method." (Thomas Hoger, Co-Founder, 3spin Learning)

The continued collaboration aims to validate, further optimize, and integrate the concept into existing training concepts. In addition to the initial use case, additional scenarios can be developed and implemented based on customer needs in the short term.

About Lufthansa Aviation Training:

With its competencies in training flight and cabin crews at ten training locations worldwide, Lufthansa Aviation Training GmbH (LAT) is among the world leaders in the field of aviation training. The company is headquartered at Munich Airport and employs around 800 people at all its locations. Its client portfolio encompasses more than 250 nationally and internationally renowned airlines, among them the Lufthansa Group airlines. LAT operates close to 200 training devices. These include training aircraft for pilot training, flight simulators for all common aircraft types for pilot training, as well as emergency and service mock-ups for cabin crews. The flight schools of the Lufthansa Group are joined under LAT's brand European Flight Academy (EFA).

www.lufthansa-aviation-training.com

www.european-flight-academy.com.

About 3Spin Learning:

The startup 3spin Learning specializes in digitizing "Learning by Doing" using Virtual Reality (VR), Augmented Reality (AR), and Artificial Intelligence (AI). 3spin Learning's award-winning no-code platform enables companies and agencies to create and distribute immersive learning courses "like with PowerPoint" (customer quote) worldwide. 3spin Learning works for companies such as E.ON, Lufthansa, and Pfizer, and counts TÜV NORD among its investors.

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