

Immersive Safety & Security Training



Case

Safety and security training of KLM flight and cabin crew teaches execution and an understanding of procedures in diverse aviation emergencies, through simulations.

But how would personnel perform in reality, where scenarios are more unpredictable, stressful and complex than their textbook descriptions?



VR Simulation

Through an experiment driven approach, a VR simulation training was designed focusing on professional decision making in an uncertain, stressful context. Freely moving through a virtual aircraft, training participants are expected to collaboratively deal with emergent situations, in an increasingly chaotic multi-sensory environment.



Training tool

To enable trainers to use the flexibility of VR as a means to facilitate more personally relevant training, Simulation Control was designed. This iPad app aids in easy creation of custom scenarios, controls the simulation in real-time and functions as a tool for more effective performance evaluation.



CREATE



CONTROL



EVALUATE

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Integrated Product Design

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