



USE CASES

- 1 XR-based Virtual Training for Maintenance of Wing Anti-Ice Valve
- 2 Human Digital Twin for XR-based Maintenance Processes

USERS/ PERSONAS

Aircraft Maintenance Technician

APPLICATION

XR-based Training Programs, Personalized XR Content

RESEARCH AREAS

XR, VR, Generative AI, DT

TECHNOLOGIES

Hololight Hub, Unity, Meta Quest

PILOT

Worker Centric Aircraft Maintenance Training

AI-enhanced XR technologies to train and support Aircraft Maintenance Technicians (AMT) in performing critical maintenance procedures.

SCAN THE QR CODE TO LEARN MORE



This work has received funding from the Swiss State Secretariat for Education, Research and Innovation (SERI)

Project funded by
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Swiss Confederation

Federal Department of Economic Affairs,
Education and Research SAES
State Secretariat for Education,
Research and Innovation SERI



XR5.0. has received funding from the European Union's research and innovation programme under grant agreement No. 101135209

SOLUTIONS

- 1 Extended Reality (XR) application developed with Unity, to train AMTs performing the maintenance of the Wing Anti-Ice Valve (WAIV) with support of an AI assistant.
- 2 Extended Reality (XR) application developed with Unity, to guide AMTs performing the maintenance of the Wing Anti-Ice Valve (WAIV) with support of a Human Digital Twin.



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