

ACG/COOPANS, ANS CR (B4),
 CCL/COOPANS, DLR (AT-ONE),
 ENAIRE, ENAV, HC (FSP),
 INDRA, LEONARDO,
 LFV/COOPANS, NLR (AT-ONE),
 ON (B4)

Solution PJ.05-W2-97.1

Virtual/Augmented Reality applications for tower

Solution Scope:

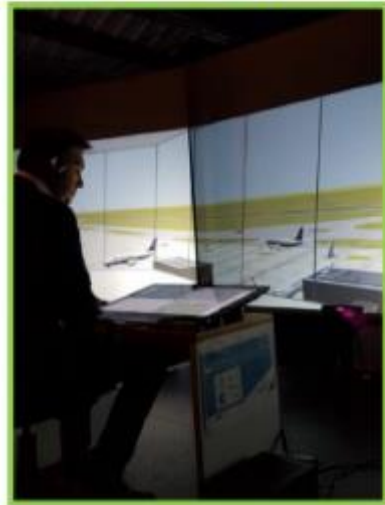
This solution aims to support the Air Traffic Controllers by means of applications for the V/AR in ATC Tower environment. The technology involves the use of Tracking Labels, Air Gestures and Attention Control. It takes into account the work already performed during Wave 1 continuing to provide significant improvements thanks to advanced interaction methods with HMI.

Supporting Solution Exercises and dates:

- EXE-001-TRL4 (RTS) NLR (AT-ONE) (Amsterdam) 01-02-2021 to 12-02-2021
- EXE-002-TRL4 (RTS) ENAV (Bologna) 20-09-2021 to 01-10-2021
- EXE-005-TRL4 (RTS) ENAIRE (Vitoria-Gasteiz) 07-02-2022 to 18-02-2022



BASELINE EQUIPMENT



AUGMENTED REALITY HMD EQUIPMENT



Intended Benefits:

Improve Human Performance and Safety through increased situational awareness resulting from improved and innovative working environment and HMI. The innovative working environment and HMI will also improve Operational Efficiency through reduced mental workload, and will increase Resilience to LVC.

Human Performance, Operational Efficiency, Safety, Resilience