

Solution PJ.05-W2-97.2

Improving controller productivity by ASR at the TWR CWP

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



Solution Scope:

This solution aims to support the Air Traffic Controllers by means of innovative applications for Tower CWP. The technology involves the use of Automatic Speech Recognition, AI and Machine Learning. 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-004-TRL4 (RTS) INDRA (Budapest, Asker) 13-09-2021 to 24-09-2021
- EXE-006-TRL4 (RTS) DLR (AT-ONE) (Braunschweig) 24-01-2022 to 04-02-2022
- EXE-007-TRL4 (RTS) LEONARDO (Rome) 07-02-2022 to 18-02-2022



Intended Benefits:

Improve Human Performance, Operational Efficiency and Safety through improved and innovative working environment and HMI, improved usability and reduced mental workload, which will also increase Cost Efficiency through increased ATCO productivity.

Human Performance, Operational Efficiency, Cost Efficiency, Safety