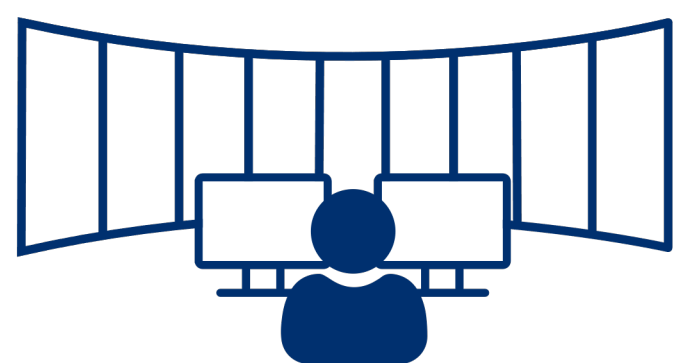


TRUSTY

TRUSTWORTHY INTELLIGENT SYSTEM FOR REMOTE DIGITAL TOWER

September 2023 – February 2026

OVERVIEW

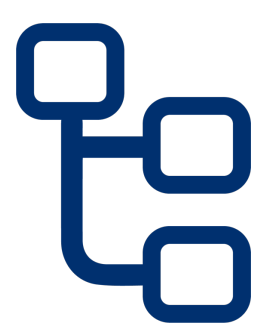


TRUSTY aims to foster the use of RDT thanks to a trusted intelligent system. From an operational point of view, this will improve runway use and ground operations, which will intensify airport capacity.

OBJECTIVES



SCIENTIFIC, INNOVATION, and RESEARCH OBJECTIVES (SIO): Provide a conceptual framework for building a trustworthy intelligent system.



TECHNOLOGICAL OBJECTIVES (TO): Design and develop Robust and resilient MML models, by using behavioural and neurophysiological measures.



IMPACT AND SOCIETAL OBJECTIVES (ISO): improve the transition process towards the use of RDTs through transparent and explainable systems.

METHODOLOGY

PHASE 1

Definition to road map through a participatory design methodology and user-centric design principal.

PHASE 2

Development Cycles includes data-driven AI modelling, transparency, visualization, explanation, fairness, accountability, and adaptation framework.

PHASE 3

Test and validation through FESTA handbook and based on field operational tests (FOTs)

PHASE 4

Impact assessment - validation analysis.



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Consortium:



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