AI Situational Awareness Foundation for Advancing Automation

AISA CONOPS Online Workshop
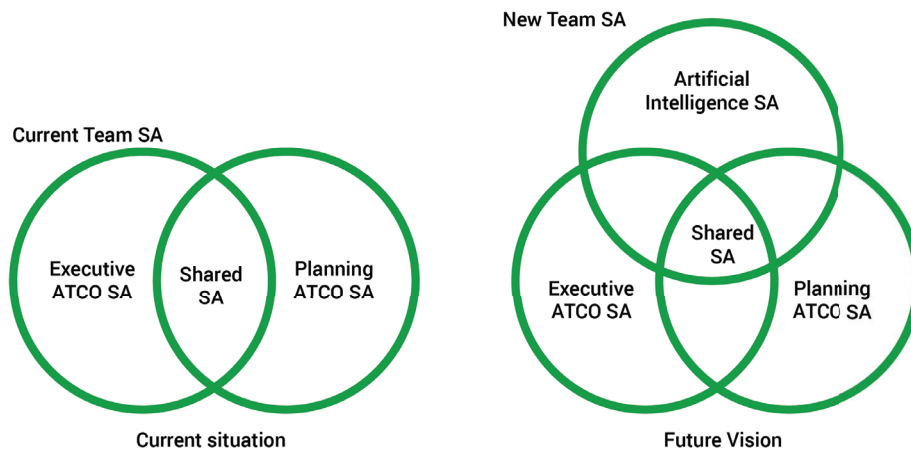
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AISA (AI Situational Awareness Foundation for Advancing Automation) is a SESAR Exploratory Research project investigating how to increase automation in air traffic management. The project will explore domain-specific application of transparent and generalizable artificial intelligence methods.

The project has started on the 1st of June 2020 and will run for two and half years. The consortium represents different related fields: air navigation, automation, and human factors experts are present in the team. The Faculty of Transport and Traffic Sciences at the University of Zagreb is the coordinator of this project and the consortium has four other universities on board: Johaness Kepler University of Linz, Technische Universität Braunschweig, Universidad Politécnica de Madrid, Zurich University of Applied Sciences, as well as an Air Navigation Service Provider: Skyguide and an SME: Slot Consulting.

The main objective of the project is to explore how human and machine can work together by establishing team situational awareness.

Concept of Distributed Situational Awareness for Future Automated Systems

The workshop will present the initial Concept of Operations for AI Situational Awareness System. We encourage the participation of experts from different fields: ATM, digitalization, automation, and human factors as your opinion is important and will support the fine tuning of the future work of the project.

For more information and registration of the workshop please visit the website of the project: www.aisa-project.eu