BAG-INTEL

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BAG-INTEL

An intelligent system for improved efficiency and effectiveness of the customs control of passenger baggage from international flight arrivals

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Context & Mission

With the substantial growth of the volume of air travellers and limited human resources available, the border and customs authorities at inland border airports see the need for new tools, which will increase the effectiveness and efficiency of baggage customs controls without the need to increase the total number of human resources involved in the process.

How does BAG-INTEL come into play?

BAG-INTEL is a Horizon Europe project established to address this challenge. Over the course of the project, our international consortium will bring together all their expertise to develop robust AI-based information utilisation and decision-making support tools that will help the border and customs authorities at inland border airports in performing their duties.

Project Objectives & Features

- **AI-powered functionality** for enhanced detection of contraband in **x-ray scanning** of luggage
- **AI-camera-based end-to-end reidentification** of luggage
- **Digital twin** for system visualisation and performance optimisation
- **Use cases** for tests, demonstrations, and evaluations at three European airports
- Easy-to-use **training material** for end users

BAG-INTEL in numbers

24 PARTNERS

8 COUNTRIES

36 MONTHS

3 USE CASES