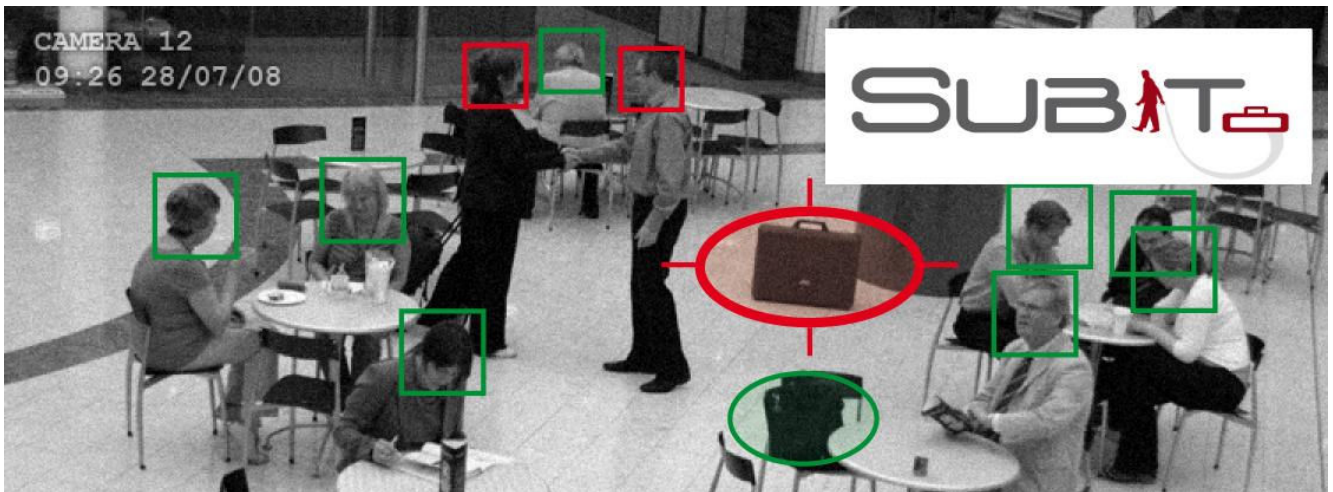




SUBITO

Surveillance of Unattended Baggage and the Identification and Tracking of the Owner



Programme Background and Objectives

Unattended baggage is a well-recognised security threat at mass transportation networks and other areas of critical national infrastructure. Many terror organisations have adopted the tactic of abandoning luggage containing explosive devices. Many civilian casualties have occurred as a result of this tactic.

To help combat the potential threat posed by unattended baggage, authorities have deployed a vast number of CCTV systems. The resultant increase in surveillance coverage has led directly to a huge amount of video data being collected. However, a corresponding improvement in the ability to rapidly interpret and filter this data to improve threat detection performance has not been achieved. The SUBITO EU research and development programme will investigate this critical issue.

Building on existing surveillance technology, the SUBITO programme aims to demonstrate novel data processing technologies which will improve the performance of security surveillance systems employing multiple CCTV systems by meeting the objectives of:

- Autonomously detecting unattended baggage
- Rapidly identifying, locating and tracking the baggage owner

It will be guided by end-user requirements to ensure that security personnel receive the technologies they need in order to deliver improved threat security.

SUBITO is part-funded by the European Commission's Seventh Framework Programme (FP7), and will run for two and a half years.





Expected results

With the help of our end-user partners, SUBITO will demonstrate the extent to which a solution to this problem is achievable using existing infrastructure and security technologies from real locations operating under standard procedures.

Partners

The SUBITO programme is being undertaken by a consortium of ten organisations from six European countries. The consortium contains a diverse group of technology and implementation specialists who are all recognised experts and world-leaders in their fields.

The consortium partners are:

SELEX Sensors and Airborne Systems Limited (Coordinator)	UK
ELSAG DATAMAT S.p.A	ITALY
Office National d'Etudes et de Recherches Aérospatiales	FRANCE
L-1 Identity Solutions AG	GERMANY
Commissariat à l'Energie Atomique - LIST	FRANCE
University of Leeds	UK
University of Reading	UK
VTT Technical Research Centre of Finland	FINLAND
Österreichisches Forschungs und Prufzentrum Arsenal Ges.m.bH	AUSTRIA
Fiera di Genova S.p.A	ITALY

In addition, an end-user advisory council has been created to provide support to the team and ensure that the correct technologies are developed.

Contact

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The SUBITO project coordinator is particularly interested to hear from potential end-users of this technology to ensure that their requirements and observations are considered during the programme.

