SAFEGUARD
at a glance

SAFEGUARD aims at developing a **next-generation holistic suite of tools** that improve LEA capabilities to **protect public spaces** against terrorist attacks.

Project details

Contact us:

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Consortium

Centre for Research & Technology Hellas (CERTH), Greece (Coordinator)
Institute of Communication and Computer Systems (ICCS), Greece
Foundation for Research and Technology – Hellas (FORTH), Greece
Centre for Security Studies (KEMEA), Greece
Hellenic Police (ELAS), Greece
Kentro Merimnas Oikogeneias kai Paidioy (KMOP), Greece
Bulgarian Defense Institute (BDI), Bulgaria
Bulgarian National Service of Protection (NSP), Bulgaria

SAFEGUARD

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Ambition

SAFEGUARD aspires to:

✔ **Improve** the effectiveness and efficiency of LEAs **intelligence, operation, and investigation capabilities for the protection of public spaces**, through the automated detection, identification, assessment, and correlation of information acquired from heterogeneous multimodal data streams.

✔ **Develop** an **innovative prediction, prevention, operation, and investigation platform** for the protection of public spaces utilising cutting-edge technologies based on AI

✔ **Build** on the strong partnership between **Greek and Bulgarian LEAs** to share best practices, data, and conduct joint exercises, thereby enhancing overall competence in public safety

✔ **Deliver** comprehensive training programs to enhance LEAs operational capabilities and situational awareness

Motivation

In response to the **escalating threat of terrorist attacks targeting public spaces** in European cities, LEAs face a critical challenge in providing effective countermeasure solutions.

In this context, it is important for LEAs to **monitor suspicious behaviour in public spaces** prior to and during large events of interest, leveraging advanced and targeted technologies aiming to correlate potentially criminal and terrorist activities in near real-time.

The SAFEGUARD solution aims at integrating, validating, and demonstrating a next-generation holistic suite of tools that significantly improves LEA capabilities to **protect public spaces through the entire lifecycle of their operations**.

Impact

SAFEGUARD will improve the open-source intelligence gathering and operational capabilities of the Greek and Bulgarian LEAs by leveraging advanced and targeted technologies aiming to detect and prevent potential terrorist threats. SAFEGUARD will combine a number of innovative technologies into a single holistic solution, including:

✔ Open-source intelligence gathering

✔ Multilingual text analysis

✔ AI-based multimodal analytics

✔ Semantic representation

✔ Unmanned Aerial Vehicles with edge computing

✔ Computer vision

✔ 3D mapping and Virtual Reality

✔ Augmented Reality

✔ Threat assessment and early warning

✔ Command & Control and Visual Analytics dashboards