

## IMPETUS EU PROJECT WEAPON DETECTION TOOL

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### **Abstract – Practitioner talk.**

The use of AI (Artificial Intelligence) for public safety, more specifically for physical security is often categorised as bias. Profiling potential terrorists can be discriminating and GDPR compliances are making the use of the latest AI and machine learning technologies extremely challenging to help prevent terror attacks in public spaces. Currently part of the IMPETUS Project the AI system SAMSON can prevent terror attacks by using CCTV cameras and AI, it is pioneering what is possible in a world where data privacy is key. The IMPETUS consortium is an innovative project to enhance the resilience of smart cities in the face of security threats in public spaces. IMPETUS provides city authorities with new means to address security issues in public spaces, and so help protect citizens.

**Keywords:** 1702ai, Weapon Detection, CCTV, IMPETUS, AI, Machine Learning.

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