AIDA

ARTIFICIAL INTELIGENCE AND ADVANCED DATA ANALYTICS FOR LAW ENFORCEMENT AGENCIES

Bitdefender

CENTRIC
Centre of Excellence in Terrorism, Resilience, Intelligence and Organised Crime Research

iTi Information Technologies Institute

Cybercrime Research Institute

ENGINEERING

Estonian Police and Border Guard Board

EUROPOL

EXPERT SYSTEM

KEMEA

LINGEA

POLITIE

Pluribus One
seeing one in many

UCD DUBLIN

vicomtech
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

voice interaction

ITI INVESTIGATE TO INNOVATE

AIDA will provide LEAs in the EU with innovative, dedicated and sustainable digital technologies to facilitate the entire Big Data analytics cycle as part of their investigative and proactive prevention capabilities.

www.project-aida.eu

@_AIDAProject_

www.linkedin.com/in/aidaproject

info-aida-project@eng.it

The global flow of data permeating nearly all aspects of modern society has the potential to provide solutions to many of society's problems, but it also generates challenges for the policing of crimes such as terrorism and cybercrime. It is nowadays common for all EU LEAs to have vast amounts of intelligence in digital format obtained during criminal investigations.

Quite often all this information is processed manually in order to find relevant evidence: a time consuming approach that might even be ineffective.

AREAS OF INNOVATION

1. Improving collaboration among EU LEAs and Europol
2. Data acquisition from open and privileged information sources
3. Meaningful processing and enrichment towards data that is ready for analysis
4. Analysis, reasoning, prediction and visualisation to obtain timely actionable intelligence
5. Long-term strategic forecasting and analysis for the evolution of criminal threats and trends, and effectiveness of countermeasures
6. Societal acceptance and impact of such new capabilities on society's sense of security and resilience

KEY RESULTS

A Security Sandbox will allow LEAs to review the new tools, configure them according to their individual requirements and needs and to perform test sessions. Each tool will be autonomous, allowing easy integration and interoperability with pre-existent LEAs' technological capability.

The AIDA integrated platform will provide a flexible and extensible framework to address investigations in the context of cybercrime and terrorism.

CASE STUDIES

CYBERCRIME
The volume and diversity of the data acquired when seizing infrastructure or wiretapping network communications can take a multitude of months to be processed and analysed. AIDA will speed up the whole process by drastically reducing the need for immediate human intervention.

COUNTER-TERRORISM
Starting with the detection of terrorist content online, and combining data from privileged sources and online referrals, AIDA will demonstrate its capabilities to lead to a more effective response.