MAGNETO

OBJECTIVES

MAGNETO is a 3 year project starting in May 2018. Its objectives are:

- Augment the capabilities of Law Enforcement Agencies (LEAs) in managing, investigating, correlating and drawing reasoning from huge volumes of heterogeneous and disjoint multimedia data.

- Develop dedicated technical breakthroughs to anticipate both the growth in volume and types of data, and the resources and evolution of crime and criminality.

- Design and compose an open framework and develop powerful tools to deliver increased innovation capacity in Europe, and more efficient information exchange between operators and other users.
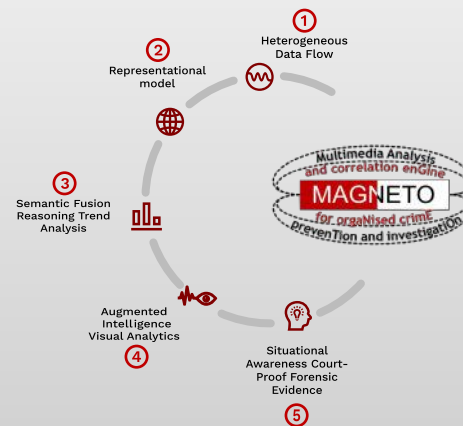
USE CASES

Crime against persons and property

Economic organised crime

Prevention and investigation of terrorist attacks

Parallel illegal economic circuits of organized crime

Identity crime

OUTCOMES

I   Evidence collection platform

II   Sophisticated representational model

III   Advanced correlation engine

IV   Threat prediction engine by semantic reasoning

V   Augmented intelligence tools

CONCEPT

1 Heterogeneous Data Flow
2 Representational model
3 Semantic Fusion Reasoning Trend Analysis
4 Augmented Intelligence Visual Analytics
5 Situational Awareness Court-Proof Forensic Evidence

Multimedia Analysis and correlation enGine
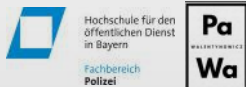MAGNETO
for organised crime prevenTion and investigatiOn

The technologies and solutions developed by MAGNETO allow LEAs to consistently process massive heterogeneous data in a more efficient manner, effectively enabling their transformation into solid and court-proof evidence.

MAGNETO

CONSORTIUM

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Hochschule für den öffentlichen Dienst in Bayern — Fachbereich Polizei

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MAGNETO

Multimedia Analysis and Correlation Engine for Organized Crime Prevention and Investigation

MAGNETO is a H2020 European Project that revolutionizes the capacity of Law Enforcement Agencies (LEAs) to deal with extreme volumes and diversity of data in order to accomplish highly-efficient crime prevention and investigation.

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