MAGNETO

Project ID: 786629
Funded under: H2020-EU.3.7.1.
H2020-EU.3.7.6.

Multimedia Analysis and Correlation Engine for Organised Crime Prevention and Investigation

From 2018-05-01 to 2021-04-30, ongoing project

Project details

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<th>Topic(s):</th>
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<td>EUR 5 320 475</td>
<td>SEC-12-FCT-2016-2017 - Technologies for prevention, investigation, and mitigation in the context of fight against crime and terrorism</td>
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<td>EUR 5 320 475</td>
<td>RIA - Research and Innovation action</td>
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Objective

MAGNETO addresses significant needs of law enforcement agencies (LEAs) in their fight against terrorism and organised crime, related to the massive volumes, heterogeneity and fragmentation of the data that officers have to analyse for the prevention, investigation and prosecution of criminal offences. These needs have been identified after consulting with eleven different European LEAs - members of the MAGNETO consortium. In response, MAGNETO empowers LEAs with superior crime analysis, prevention and investigation capabilities, by researching and providing tailored solutions and tools based on sophisticated knowledge representation, advanced semantic reasoning and augmented intelligence, well integrated in a common, modular platform with open interfaces. By using the MAGNETO platform, LEAs will have unparalleled abilities to fuse and analyse multiple massive heterogeneous data sources, uncover hidden relationships among data items, compute trends for the evolution of security incidents, ultimately (and at a faster pace) reaching solid evidence that can be used in Court, gaining also better awareness and understanding of current or past security-related situations. In parallel, MAGNETO will spark an ecosystem of third-party solution providers benefiting from its open, modular and reusable architectural framework and standard interfaces.

To achieve these objectives, MAGNETO will test and demonstrate its developments on five representative and complementary use cases (types of crime), under real-life operational conditions in the facilities of eleven different LEAs, keeping them continuously in the production loop, adopting an agile implementation methodology and a multi-disciplinary scientific approach, combining researchers with exceptional track records, officers with top-level operational know-how in law enforcement, recognised experts for legal and ethical compliance to EU and national standards, and qualified training experts for innovative curricula development.
Coordinator

INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS
Patission Str. 42
10682 ATHINA
Greece
EU contribution: EUR 600 000

Activity type: Research Organisations
Contact the organisation

Participants

THALES SA
TOUR CARPE DIEM PLACE DES COROLLES ESPLANADE NORD
92200 COURBEVOIE
France
EU contribution: EUR 578 000

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

ITTI SP ZOO
RUBIEZ 46
61 612 POZNAN
Poland
EU contribution: EUR 307 000

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
HANSASTRASSE 27C
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Germany
EU contribution: EUR 322 850

Activity type: Research Organisations
Contact the organisation

Police Service of Northern Ireland
Knock Road 65
BT5 6LE Belfast
United Kingdom
EU contribution: EUR 191 250

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Contact the organisation
KATHOLIEKE UNIVERSITEIT LEUVEN
OUDE MARKT 13
3000 LEUVEN
Belgium
EU contribution: EUR 321 000
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

UNIVERSITAT POLITECNICA DE VALENCIA
CAMINO DE VERA SN EDIFICIO 3A
46022 VALENCIA
Spain
EU contribution: EUR 272 500
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

CBRNE Ltd
ROMDEN CASTLE - SMARDEN
TN27 8RA Ashford
United Kingdom
EU contribution: EUR 325 000
See on map

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)
Contact the organisation

WYZSZA SZKOŁA POLICJI W SZCZYTNIE
Marszalka J. Piłsudskiego 111
12-100 Szczytno
Poland
EU contribution: EUR 107 500
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation

QUEEN MARY UNIVERSITY OF LONDON
327 MILE END ROAD
E1 4NS LONDON
United Kingdom
EU contribution: EUR 274 750
See on map

Activity type: Higher or Secondary Education Establishments
Contact the organisation
EU contribution: EUR 79 500

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU contribution: EUR 257 500

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU contribution: EUR 245 500

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU contribution: EUR 100 000

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

EU contribution: EUR 186 000

Activity type: Private for-profit entities (excluding Higher or Secondary Education Establishments)

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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