

# MAGNETO

## FIGHTING AGAINST CRIME AND TERRORISM

**MAGNETO** project was funded by European Commission to address significant needs of law enforcement agencies (LEAs) in their **fight against terrorism and organized crime**, related to the massive volumes, heterogeneity and fragmentation of the data that officers have to analyze for the prevention, investigation and prosecution of criminal offences. 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 fuse and analyze** multiple massive **heterogeneous data sources**, uncover **hidden relationships** among data items, compute **trends for the evolution of security incidents**, ultimately 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**, under real-life operational conditions in the facilities of eleven different LEAs, combining researchers with exceptional track records, recognized experts for legal and ethical compliance to EU and national standards, and qualified training experts for innovative curricula development.



**Crime against person and property**



**Economic Organized Crime**



**Prevention and investigation of terrorism**



**Parallel illegal economic circuit of organized crime**



**Identity Crime**

