

CONSORTIUM

The **RAMSES Consortium** consists of **11 partners** from all over Europe and combines experts from the technical, the research and the Law Enforcement sector:



+34 902 286 386



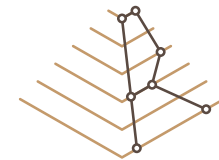
info@ramses2020.eu.



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RAMSES

**INTERNET FORENSIC
PLATFORM FOR TRACKING
THE MONEY FLOW OF
FINANCIALLY-MOTIVATED
MALWARE**



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The Internet has become a key piece of any business activity and criminal activity is not an exception.

Some crimes previous to the Internet, such as thefts and scams, have found in the Internet the perfect tool for developing their activities.

The Internet allows criminals hiding their real identity and the possibility to purchase specific tools for stealing sensitive data with very low investments.

For this reason, **the overall objective of the EU-Project RAMSES** is to **design and develop a holistic, intelligent, scalable and modular platform for Law Enforcements Agencies to facilitate digital Forensic Investigations.**

The system will extract, analyze, link and interpret information extracted from the internet related with financially-motivated malware.

RANSOMWARE AND BANKING TROJANS

RAMSES brings together the latest technologies to develop an intelligent software platform, combining scraping of public and deep web, detecting manipulation and steganalysis for images and videos, tracking malware payments, extraction and analysis of malware samples and **Big Data analysis** and **visualization tools**.

OBJECTIVE 1

Developing effective guidelines and collaborative methodologies for leas investigation

- Defining operational and ethical implications for LEAs all over Europe.
- Modelling malware from the point of view of Economic Theory.
- Undertaking a programme of focused research an analysis providing the information, awareness and understanding of existing, current and emerging best practice for combat organized crime across EU.

OBJECTIVE 2

Developing a set of tools for internet forensic

- Module to extract information in identified forums used by cybercriminals for criminal intelligence on new and future threats as well as obtaining evidence of current cybercrime.
- Module for tracking malware payments.
- Innovative forensic module for discovering hidden information in communications and malware samples.
- Big Data Platform for storage and search for patterns of fraudulent behavior.

OBJECTIVE 3

Demonstrating the impact of the ramses platform, through several pilot exercises in different countries, training and awareness campaigns

- Validation of the tool developed by LEAs.
- To design, develop and deliver training for LEAs and awareness campaigns for citizens, stakeholders and LEAs.