



LOCARD

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Lawful evidence collecting and continuity platform development



"Toute action de l'homme, et a fortiori, l'action violent qu'est un crime, ne peut pas se dérouler sans laisser quelque marque." - Edmond Locard, La Police et Les Méthodes Scientifiques.



"Any human action, let alone violent action that is a crime, can not take place without leaving some mark." - Edmond Locard, The Police and Scientific Methods.



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This project has received financial support
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<https://locard.eu>

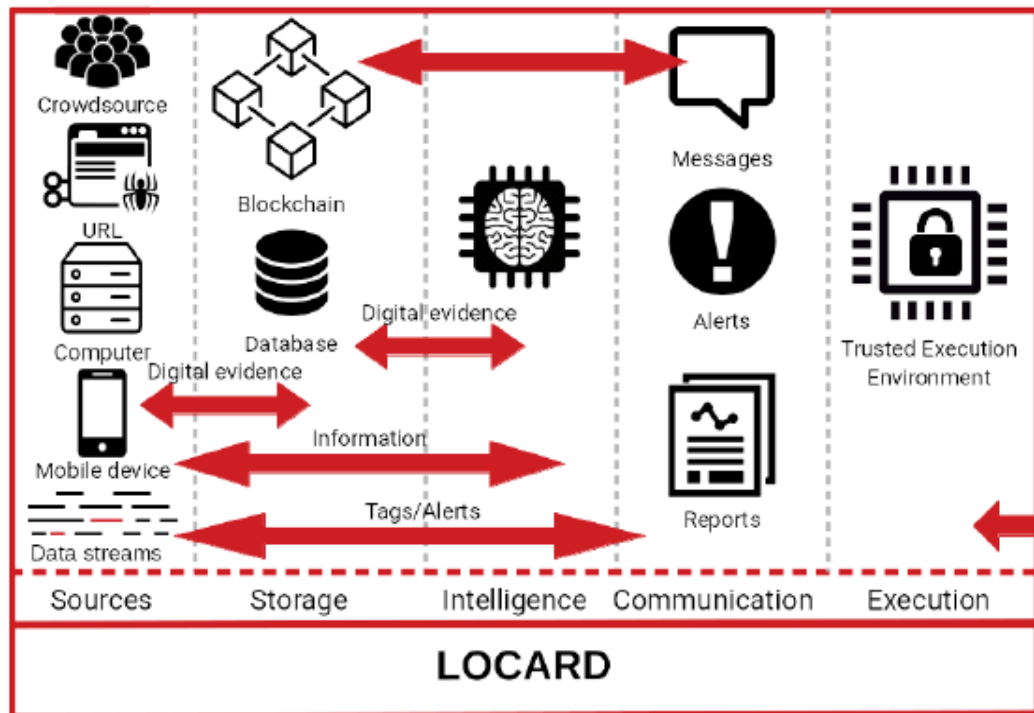
LOCARD Consortium



Start Date	1st May 2019
Duration	36 months
Call	H2020-SU-SEC-2018-2019-2020
Topic	SU-FCT02-2018-2019-2020
Budget	6,843,385.00€



What is LOCARD?



LOCARD will provide a holistic platform for chain of custody assurance along the forensic workflow and a trusted distributed platform allowing the storage of digital evidence metadata in a blockchain.

Real-Time Evidence



- Crowdsourced Intelligence
- Data Collection modules
 - Intelligent Crawler
 - Investigator's Toolkit
- Mobile devices
- Streamed data



- Follows national standards, laws and methodologies for the chain of custody (investigation, acquisition, preservation, transfer, storage etc.)
- Employs Smart Contracts in order to audit the use of evidence and actions taken throughout case management
- All the evidence as well as the chain of custody will be court-proof eliminating any doubts

Cross-Border Applicability



- Legal frameworks in all relevant national levels as well at EU level will be analysed to identify and develop proper mechanisms to facilitate cross-jurisdictional use of digital evidence, enhancing LEAs' capabilities especially in cases when time is crucial (e.g. Child abuse).
- Suitable identity management and access control methodology to meet the requirements of LOCARD and all its stakeholders.



- Law enforcement agencies
- Digital forensics labs and analysts
- Security consulting companies
- Investigators belonging to LEAs or security consulting companies
- Citizens reporting cybersecurity related incidents
- Online service providers
- Organisations with security breaches
- Social Live Streaming Services

Use case scenarios



- Automated collection of digital evidence and case management
- Suspected presence of pedopornographic material
- Data exfiltration from an organization's database server
- Illegal streaming of unlicensed content

Impact (1)



- Novel, technologies, tools and systems, addressing traditional or emerging forms of crime and terrorism
- Improved investigation capabilities, especially regarding quality and speed
- Increased efficiency and effectiveness of information sharing among EU LEAs
- Prevention and reduction of criminal and terrorist threats

Impact (2)



- Harmonisation of information formats at international level,
- Improved cross-border acceptance and exchange of court-proof evidence,
- Standardised evidence collection
- Harmonised procedures in the investigation of trans-border crimes in full compliance with applicable legislation on protection of personal data.

LOCARD Stakeholders benefit from:



- Building the latest blockchain technology
- Developing new ways for handling audit trails more efficiently and robustly
- Improving the techniques to fight against cybercrime in the EU
- Delivering new forensics tools and methodologies



Join the LOCARD Stakeholder Network



- Industrial and commercial community
- Scientific community
- Security-related public bodies, CERTs, CSIRTS, NGOs, and law-enforcement agencies

Join our stakeholder network now by contacting LOCARD on:

info@locard.eu



Thank You



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