

5th November, Strand Hilton Hotel,
Helsinki, Finland



Extended Agenda & Company Information

The Innovation – Law Enforcement Agencies Dialogue (i-LEAD) project is organizing “i-LEAD Industry Days” taking place in Helsinki on 5th November 2019. Find out more about i-LEAD [here](#).



Industry Days



5th November
Helsinki



8 Hours
Dedicated to You



Get Hands-on
with the Tech



Interactive
Presentations

The goal of Industry Days is to showcase useful and innovative technologies to Law Enforcement Agencies and industry.

Focus Areas

- Open Source Intelligence (OSINT) Tools
- Police Vehicles
- Drones
- Facial Recognition Systems
- Applications for intelligence analysis focusing on artificial intelligence
- Rapid DNA – Faster Results
- Video Management



08:00 – 09:00

Registration



09:00 – 09:30

Introduction

H2020 PROJECT OVERVIEWS – MAIN HALL



10:30 – 10:50

COPKIT



11:30 – 11:50

CERTH



15:30 – 15:50

RAMSES

15 TECHNOLOGY PRESENTATIONS : ROOMS 1 - 5



09:30 – 11:30

ROOM 1

OSINT
Kivu Tech

ROOM 2

INTELLIGENCE
ANALYSIS
DataWalk

ROOM 3

FACIAL
RECOGNITION
Videmo

ROOM 4

DRONES
Insta

ROOM 5

RAPID DNA
Thermo Fisher



11:30 – 13:30

ROOM 1

OSINT
4iQ

ROOM 2

VIDEO
MANAGEMENT
NSION

ROOM 3

FACIAL
RECOGNITION
Secunet

ROOM 4

DRONES
RumbleTools

ROOM 5

RAPID DNA
ANDE

13:30 – 14:30 LUNCH & NETWORKING



14:30 – 16:30

ROOM 1

OSINT
Sequentum

ROOM 2

INTELLIGENCE
ANALYSIS
T3K-Forensics

ROOM 3

FACIAL
RECOGNITION
Ultinous

ROOM 4

DRONES
eCapture3d

ROOM 5

POLICE
VEHICLES
Ellectronica



16:30 – 17:00

Summary

COPKIT

MAIN HALL 10:30 – 10:50

Website: <https://copkit.eu/>

Focus Area: OSINT

COPKIT addresses the problem of analysing, preventing, investigating and mitigating the use of new information and communication technologies by organised crime and terrorist groups. These issues are crucial challenges for policy-makers and LEAs, due to the complexity of the phenomenon; causing a real VUCA world effect (volatility, uncertainty, complexity and ambiguity).

EUROPOL, who is involved in COPKIT as head of its Advisory Board, stated in its SOCTA 2017 report "Crime in the Age of Technology", "This is now, perhaps, the greatest challenge facing LEAs around the world".

COPKIT proposes an intelligence-led Early Warning (EW) / Early Action (EA) system directly related to the methodological approach used by EUROPOL in SOCTA. 18 European organisations from 13 countries, make up the consortium aiming to create a technological intelligence and knowledge ecosystem for LEAs, to fight OCT.

MKLab CERTH

MAIN HALL 11:30 – 11:50

Website: <https://mklab.itl.gr/>

Focus Area: AI technologies and next-generation tools for security applications

As the challenges faced by Law Enforcement exhibit significant diversity and increasing complexity, innovative solutions like Artificial Intelligence and deep learning approaches have the potential to lead to improvements in their operational capabilities.

Towards these objectives and through our involvement in several security-related H2020 projects (FCT, DRS, BES etc.), MKLab ITI-CERTH has researched and developed cutting-edge tools and services for increased situational awareness and advanced multimodal analytics. In particular, MKLab has developed Open-Source Intelligence discovery and Analysis Tools, Services for Intelligent IoT and Robotic Systems, Decision Support and Early Warning tools, as well as Computer Vision services, such as Visual Identification and Face Recognition.

Through MKLab's strong collaboration with relevant agencies across Europe, these services and tools aim at meeting their requirements, and delivering effective and efficient security solutions.

RAMSES

MAIN HALL 15:30 – 15:50

Website: <https://ramses2020.eu/>

Focus Area: Internet Forensics

RAMSES is an H2020 funded project, which aims to develop a holistic, intelligent, scalable, and modular platform for Law Enforcement Agencies (LEAs) to facilitate digital forensic investigations. The system extracts, analyses, links, and interprets information extracted from the internet relating to financially motivated malware. Focus areas are on two use cases: ransomware and banking trojans. RAMSES brings together the latest technologies in a software platform which integrates seven services:

OSINT service
Darknet service

Bitcoin tracker service
Banking Trojan analyser service
Ransomware classifier service

Multimedia forensic service
Malware intelligence service

Eleven partners from different European countries are involved in the RAMSES consortium. They include legal experts, LEAs, technical and scientific partners from both private and the public sector.

Website: <http://kivu.tech/>

Focus Area: OSINT

Kivu Technologies GmbH

KIVU

**The Future
Of Data Intelligence**

KIVU provides a highly scalable network analysis platform helping analysts in the security domain fight organised crime, terrorism, cybercrime and fraud. Our software is a one-stop-shop solution from OSINT data collection via web crawlers and database connectors; to storage in our high-performance graph database, finally visualisation and analysis via our intuitive user interface.

Our technology was specially designed for law enforcement and intelligence agencies to counter organised crime. We serve the use-cases of OSINT and SOCMINT, but users can also import their own data such as; CDR, E-Mail Data, TCP/IP network data, etc. The tool itself is data agnostic, meaning, if the data includes relationships/connections in some form, it can be analysed by the software.

Website: <https://datawalk.com/>

Focus Area: Intelligence Analysis

DataWalk

 **DataWalk**

DataWalk SA is a Poland-based high-tech company focused on the development and sale of enterprise-class commercial off-the-shelf IT products (COTS) in the link-based analytics area for law enforcement, intelligence, and insurance.

DataWalk is an intelligence platform for revealing patterns, relationships, and anomalies for large-scale, multisource data analysis. Using a massively scalable big-data engine combined with user-friendly visual interfaces, DataWalk eliminates the restrictions of data silos, allowing law enforcement agencies to import, and rapidly blend and analyse data from multiple sources.

Website: <https://videmo.de/en>

Focus Area: Facial Recognition

Videmo

 **VIDEMO**

An innovative company in the area of automatic video analysis. Over the years, we have grown to become one of the leading providers of facial recognition solutions in the security space.

Videmo 360 is the ideal tool for analysing your video data. In the case of large amounts of video material from various sources, investigators are often overwhelmed, since conventional software does not provide support for the efficient elucidation of incidents. Thus, for every suspicion, many hours of video material must be manually searched through. The use of Videmo 360 drastically reduces this work.

SESSION 1

ROOM 4 09:30 – 11:30

Website: <https://www.insta.fi/>

Focus Area: Drones

Insta helps to create a safe and competitive society. Insta is an expert in; industrial automation, industrial digitalisation, cybersecurity and defence technologies. Insta helps customers develop and maintain their performance and profitability. Insta serves customers in demanding fields by providing them with innovative technology and service solutions.

Insta Blue Aware product family provides a secure way for distributing location data, and video feeds related to Drone operations to all participants (Military, Police, Fire & Rescue, Customs and Border Control). The platform enables adding of analysis, artificial intelligence and augmented reality features to enhance the data and video streams.



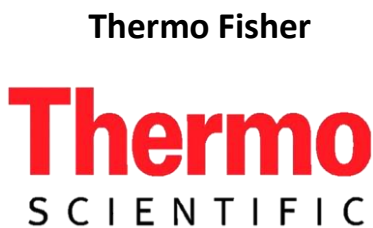
ROOM 5 09:30 – 11:30

Website: www.thermoscientific.com/rapidDNA

Focus Area: Rapid DNA

Through our Applied Bio systems portfolio, Thermo Fisher Scientific is the world leader for over 20 years in providing superior solutions for human identification (HID). Our comprehensive, validated products, expertise and application support, are in most of the HID laboratories across the world. Furthermore, we are the only company that designs and validates reagents, instruments, and data analysis software as a complete, integrated system for forensic Customers.

We are not just a product supplier, through our commercial operations team. Through our validation professional services, and the forensic science application specialists, we offer local, personal support with extensive knowledge for an in-depth experience.



SESSION 2

ROOM 1 11:30 – 13:30

Website: <https://4iq.com/>

Focus Area: OSINT

We are intelligence community analysts, InfoSec pioneers and tech entrepreneurs with a single mission: To empower intel analysts, security researchers, and criminal investigators discover, uncover, disrupt adversaries to prevent cybercrime and cyber-espionage.

A unified intelligence platform can enable a complete intel lifecycle – 4iQ provides this for its customers.



NSION



Website: <https://www.nSION.fi>

Focus Area: Video Broadcasting (Drones & Police Vehicles)

NSION is a major technology innovator in the growing sector of government related high security video and data management market. One of the biggest challenges is to optimize data security and speed in video data transferring in complex life critical field operations.

NSION solves the problems with a unique high throughput platform, which enables integration of command and control systems to multiple different video production technologies.

Secunet



Website: www.secunet.com

Focus Area: Facial Recognition

At secunet, an increasing number of more than 600 it-security experts focus on topics such as cryptography, e-government, business security and automotive security. Our services range from analysis to consulting, conception, development and integration of software and hardware solutions to training and support.

Secunet bocoa is an intuitive identity check application on a mobile device that provides police officers with a detailed overview of relevant results from captured fingerprints, facial images as well as visual and electronic document inspection.

Rumble Tools



Website: www.rumbletools.fi

Focus Area: Drones

RumbleTools is a high technology company located in Imatra, Finland. Our core competence is the automation of processes through robotics and software development. We have developed an Automated Industrial Drone Platform, for the diverse needs of industrial sites. The most unique part of our solution is the docking station, which enables that the flying robot drones can operate 24/7 autonomously.

Fully automated mobile docking station with drones. This system consists of DD Docking Station installation in the top of the vehicle, Double Rumble Bee drones with a flight time of 20 minutes, when one of the drones is in mission, the other drone is charging, this allows a 24/7 operation.

SESSION 2

ROOM 5 11:30 – 13:30

ANDE



Website: www.ande.com

Focus Area: Rapid DNA

ANDE is the global leader for mobile Rapid-DNA certified by the FBI and already deployed around the world and EU. The platform is a fully automated DNA solution providing non-technical operators a full DNA Profile from both reference samples and crimes scenes in under 90 minutes (106 for crime scene).

ANDE holds a number of approvals and accreditations around the world including an ISO17025 in the EU and NDIS within the United States. This has allowed agencies and Governments to deploy ANDE as a real-time tool for criminal investigations, border management and National Database development.

SESSION 3

ROOM 1 14:30 – 16:30

Sequentum



Website: www.sequentum.com

Focus Area: OSINT

Sequentum offers reliable enterprise-grade OSINT web data collection software for large scale web scraping operations that depend on high quality data feeds for their internal research and AI decision systems.

Enterprise grade OSINT web data collection platform that sits in the windows security context, runs on premise or in the cloud, used to collect web data whether from social media, news, blogs, or other OSINT sources.

ROOM 2 14:30 – 16:30

T3K-Forensics



Website: <http://www.t3k-forensics.com/en/>

Focus Area: Intelligence Analysis

T3K-Forensics (T3K) is an Austrian based, Business-to-Government focused technology company that specializes in forensic services and software development. From 2015 we focused on developing customized analytic solutions for law enforcement, immigration authorities and other governmental agencies.

T3K's Law Enforcement Analytical Platform (LEAP) is an operative software developed by T3K-Forensics for law enforcement and immigration authorities in need of a solution for quick investigations at specific hot spots using mobile devices such as smartphones and tablets.

Ultinous

Website: www.ultinous.com

Focus Area: Intelligence Analysis

Ultinous develops ground-breaking AI technology capable of generating previously unseen analytics, metrics and real-time, predictive alerts from live video feeds. Using state-of-the-art facial recognition and tracking, the Ultinous Platform has multiple applications in different industries such as security, retail and online services.

Our Facial Recognition is based on Ai and deep learning algorithms. approx. 10 million faces have been trained in our model and have very high accuracy and speed.

ROOM 4 14:30 – 16:30**eCapture3d**

Website: www.ecapture3d.com

Focus Area: Drones

We have developed and commercialized Web platform (www.eyescloud3d.com) where any user can make 3d models, in a short time, using from photos or videos taking by his smartphone, reflexcamera, drones.

Over these 3d models can take real measurements, georeference it, insert notes, embed in website and download 3d model to several formats included STL to 3D printer. When people make 3D models of an existing situation, they can use either a laser scanner, a Photogrammetry software, or make it done by computer software. All these techniques are expensive or they need to hire a specialist in 3D modelling. That's the reason why people without 3D modelling knowledge don't generate 3d model, in addition the process to get the 3D models is very long.

ROOM 5 14:30 – 16:30**Elettronica**

Website: www.elettronica.de

Focus Area: Police Vehicles

Elettronica GmbH solutions are based on an integration architecture with reusable components. The architecture allows control directly via the automobile bus (Can-Bus) as well as via a control software. The individual sensors can be operated; data can be acquired, processed and overlapped or merged across the sensor boundary. The aim is to support the user as much as possible in the operation and information gain.

The technology can be used for all sensor scenarios. An example is a system of drone detection. The system works with any sensors whose added value is the fusion of data.