INNOVATION CENTRE

CATALOGUE
OF
SERVICES

INTERPOL

September 2022

INTERPOL Innovation Centre

By bringing together experts from a wide range of backgrounds, the IC aims to develop and propagate contemporary, innovative solutions to challenges in policing.

The IC facilitates thought leadership, connects law enforcement, academia, and private sector partners for knowledge exchange, and provides innovative solutions to law enforcement agencies.

1 THOUGHT LEADERSHIP

2 GLOBAL CONNECTOR

3 INNOVATIVE SOLUTIONS

INNOVATION-AS-A-SERVICE (INaaS)

Innovation-as-a-Service (INaaS) provides INTERPOL units and member countries with "hands-on" solutions to empower better decision-making and processes. INaaS identifies concrete tools, practices, and project proposals to be improved by innovation, and delivers targeted recommendations to stretch requesting entities' established thinking.

INNOVATION CENTRE VIRTUAL ROOMS (ICVRs)

ICVRs facilitate knowledge exchange by providing law enforcement officers from INTERPOL member countries with a virtual space to learn from subject matter experts and specialists via presentations, lectures, and discussions.

DISCUSSION

Experts from law enforcement, industry and academia are invited to speak on an innovation topic and engage with the audience

TRAINING

Invited experts provide a lecture to the attendees regarding an innovation topic relevant to the law enforcement community

BEST PRACTICES

Law enforcement officials and organizations share their experiences and learnings in police innovation, digitalization, and emerging technologies

The Innovation Centre's Technology Assessments provide an overview of a specific technology or application, illustrate the most recent updates, and outline potential implications for law enforcement.

INNOVATION SNAPSHOTS

The Innovation Snapshots newsletter presents its readers with police innovation and developments in INTERPOL member countries and partners from industry and academia (bi-monthly issues: January, March, May, July, September, November).

FUTURE OF POLICING

INTERPOL Future of Policing (FoP): an initiative that aims to explore and present diverse global perspectives on the current and future state of international policing in a digitalized world. It encompasses a range of activities such as developing a working paper, a series of exploratory virtual rooms, and interviews with chiefs of police and leaders from the private sector.

TRAINING CONTENT ON I-LEARN

I-Learn is a platform that provides online courses relevant to the law enforcement community. The Innovation Centre has produced more than 30 training sessions divided into the following areas:
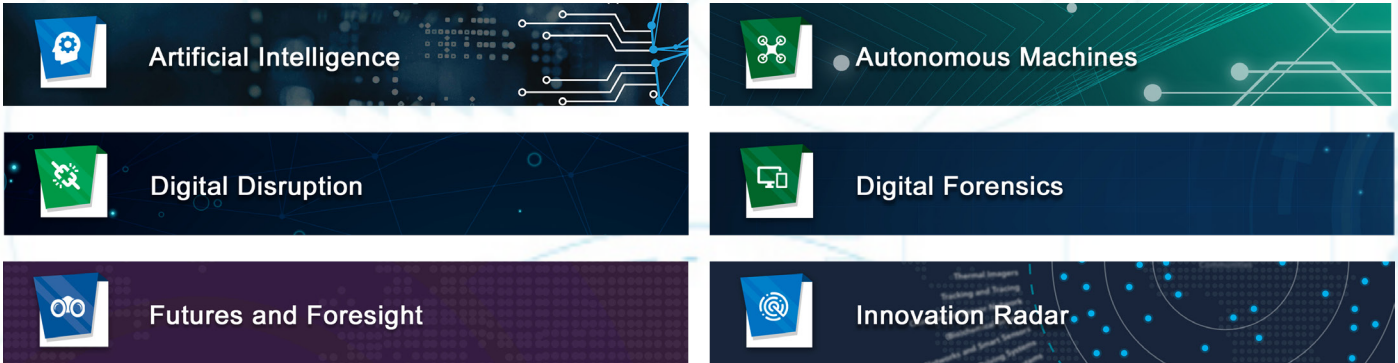
ARTIFICIAL INTELLIGENCE	ARTIFICIAL INTELLIGENCE IN LAW ENFORCEMENT	ETHICAL ARTIFICIAL INTELLIGENCE IN LAW ENFORCEMENT	
DIGITAL FORENSICS	FOUNDATIONS OF DIGITAL FORENSICS	MOBILE FORENSICS	CLOUD FORENSICS
CRYPTOGRAPHY AND PRIVACY	CRYPTOGRAPHY AND PASSWORDS	VIDEO LAYERING	WORLD OF PETs FOR POLICE DATA QUERYING
DIGITAL DISRUPTION	VIRTUAL ASSETS AND DECENTRALIZATION	DARKWEB	TOOLS AND USEFUL RESOURCES FOR POLICING

These sessions are available in video format on INTERPOL's I-Learn platform, which can be accessed via the I-24/7 network, My INTERPOL and the new I-Learn on the Cloud.

The GKH is a non-operational information and knowledge management platform where authorized users can find best practices, research publications, forum discussions, and events calendars regarding topics relevant to law enforcement. The Innovation Pavilion on the GKH has six workspaces.

IC WORKSPACES

Artificial Intelligence

Autonomous Machines

Digital Disruption

Digital Forensics

Futures and Foresight

Innovation Radar

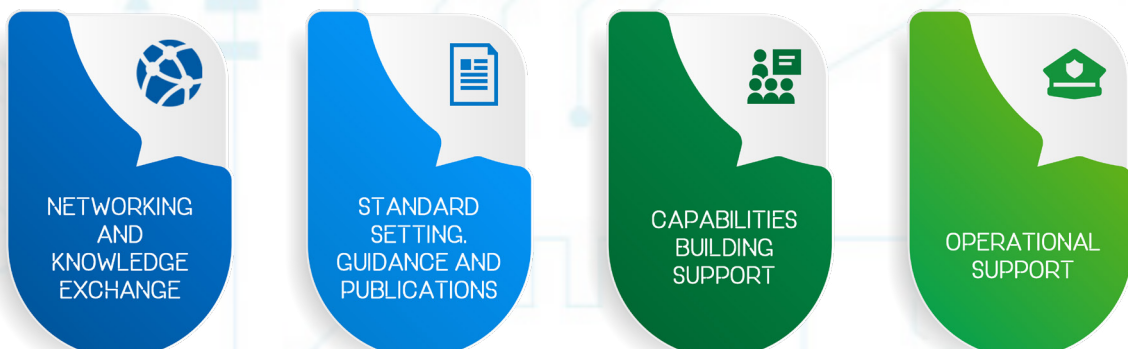## FOUR LABS AND FOUR SERVICE CLUSTERS

The teams responsible for conducting the IC's work are split into four thematic 'labs'. The IC fosters an innovative mindset and proactive culture through these labs to help police understand how to take advantage of available tools and face impending challenges brought about by rapid developments.

The labs are:

- Adaptive Policing Lab (APL)
- Cyberspace and New Technologies Lab (CNTL)
- Digital Forensics Lab (DFL)
- Futures and Foresight Lab (FFL)

The capabilities and tools of the INTERPOL Innovation Centre based in the INTERPOL Global Complex for Innovation in Singapore have four main clusters:

NETWORKING AND KNOWLEDGE EXCHANGE

STANDARD SETTING, GUIDANCE AND PUBLICATIONS

CAPABILITIES BUILDING SUPPORT

OPERATIONAL SUPPORT

The IC facilitates networking and knowledge exchange on best practices, latest technologies, tools, methodologies, and developments in law enforcement. The main annual events are:

APL

- **INTERPOL-UNICRI Global Meeting on Artificial Intelligence for Law Enforcement**

CNTL

- **INTERPOL New Technologies Forum: Law Enforcement in Web 3.0**
- **INTERPOL Robotics, Sensing and Autonomous Systems Forum** (new)

DFL

- **INTERPOL Digital Forensics Expert Group Meeting**
- **INTERPOL Drone Expert Group Summit**
- **INTERPOL Car Forensics Expert Group Meeting**

FFL

- **INTERPOL Young Global Police Leaders Programme**
- **INTERPOL STRATalks Futures Network Meeting**

To assist member countries in assessing emerging trends and maintaining standards and state-of-the-art laboratories, the IC produces various publications on innovation topics. The most recent publications are:

APL

- **Artificial Intelligence and Policing: Threat, Tool and Source of Evidence** (2022)
- **INTERPOL-UNICRI joint reports on AI for law enforcement** (2019 and 2020)

CNTL

- **Darknet-Virtual Assets Taxonomy:** a taxonomy for the documentation and exchange of data between the darknet and virtual assets forensic tools.
- **Decentralized Applications (DApps) and Blockchains:** Definition, Threats, and Challenges (2021)
- **Guidelines on the Darknet and Cryptocurrencies:** a guide for counter-terrorism practitioners (2020)
- **Guidelines for the Seizure and Sale of Virtual Assets** (2020)

DFL

- **INTERPOL Drone Incursion Exercise Report** (2022)
- **Guidelines for Digital Forensics First Responders** (2021)
- **Framework for Responding to a Drone Incident** (2020)
- **Global Guidelines for Digital Forensics Laboratories** (2019)

FFL

- **INTERPOL Working Paper on the Future of Policing** (2022)
- **Weak Signals and Foresight on the Policing and Crime Implications of the Crisis in Eastern Europe** (2022)
- **Futures of Digital Learning and Training** (2022)
- **Policing Futures Publication** (2021, periodical, approximately 6-8 week intervals)

Delivering relevant training material and harmonizing content, in partnership with other INTERPOL units and law enforcement agencies, the IC supports initiatives focused on building capacities. For every capacity building material, please refer to I-Learn and the INTERPOL secure website.

CNTL

- **Darknet:** design, co-creation, update and delivery of Darknet training, varying from basic to advanced courses. Material is designed to give a general understanding of the darknet, how criminals use it, and best practices for investigators.
- **CapaCT Manual:** comprehensive training including an online simulation-based platform of darknet marketplaces and forums and a course on investigating cryptocurrency transaction systems with enhanced anonymity; based on the "CapaCT Guidelines on the Darknet and Cryptocurrencies for Counter-Terrorism Practitioners", developed by the Innovation Centre.
- **Virtual Assets First Responders Training:** introduction to virtual assets using blockchain technology and asymmetric encryption, particularly Bitcoin. Participants learn to recognize different crypto wallets, handle the private keys and transfer seized assets to state-controlled wallets.

DFL

- **Project LEADER:** a co-organized project with the INTERPOL Capacity Building and Training Directorate, aiming to improve the reliability of digital evidence in beneficiary countries from South and Southeast Asia. Capacity building and training are one of the many deliveries of this project.
- **Project Courageous:** European Union-funded project to create a selection, testing, and assessment framework for drone countermeasures (cUAS) for use by law enforcement.
- **ENLETS Drone Forensics Technology Interest Group:** initiative looking into expanding the INTERPOL Framework for Responding to a Drone Incident, including more digital forensic methodologies and processes.

OPERATIONAL SUPPORT

Through its in-house specialists, the IC is able to provide operational support and incident responses.

- **Incident Response:** digital forensics experts prepared to be deployed to Incident Response requests involving digital forensics. Requests need to be addressed through the respective NCB and need to follow INTERPOL Standard Operating Procedures (SOPs) before approval.
- **Digital Forensics Laboratory:** world-class laboratory in Singapore prepared to handle, under its SOPs, requests involving digital evidence, upon request by member countries (through the respective NCB) and other INTERPOL units.

INTERPOL

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INNOVATION CENTRE PUBLIC WEBPAGE (OPEN ON THE INTERNET)

https://www.interpol.int/en/How-we-work/Innovation/INTERPOL-Innovation-Centre

INNOVATION CENTRE INTERNAL WEBPAGE (ON THE SECURE WEBSITE)

https://my.interpol.int/Contacts/Directorates/Executive-Directorate-Technology-and-Innovation-EDTI/Innovation-Centre-IC

INNOVATION CENTRE TWITTER

https://twitter.com/INTERPOL_IC

INNOVATION PAVILION ON THE GKH

https://cooperation.scp.interpol.int/portal/intranet/home/innovation

INNOVATION AS A SERVICE (INAAS) REQUEST FORM

https://www.research.net/r/SFFM6XY

INTERPOL I-LEARN CLOUD PLATFORM

https://interpolcampus.talent-soft.com/