



# INNOVATION SNAPSHOTS

Volume 3 Issue 1 January 2023

## CRIME SCENE MANAGEMENT METHODOLOGY TRAINING IN 3D VR

The French forensic services joined forces with UNI-VR, a company specialized in the design of virtual realities to develop a new model of learning aiming at improving and training the intervention methodology of the forensic police officer. The project was launched in the framework of the competition titled "Tell your project in 80 seconds" ("racontez votre projet en 80s"), organized by the French Ministry of Interior to promote innovation and transformation projects.

The innovative learning model entails different elements to enhance the intervention capabilities of police officers at the crime scene. For example, virtual reality allows the creation of complex and multiple realistic environments, with meteorological hazards, and hazards on the type, number, and location of clues. In addition, it offers the possibility of reconstituting environments that are impossible to simulate in reality (high-rise buildings, fire scenes or large-scale explosions, attacks, railway accidents, air crashes, etc.), offering police officers a unique

training experience. The educational experience of the learner is supported and guaranteed by personalized feedback provided throughout the training.

The union between the acquisition of theoretical notions by the learner on one side and the first practical evaluations constitutes an asset of this new pedagogical technique, which will eventually increase its efficiency.

Read the full article at the INTERPOL GKH



## ONTARIO POLICE INTRODUCE INNOVATIVE MULTI-CLOUD COMMUNITY SAFETY PLAN

The Peel Regional Police in Ontario, Canada, introduced an innovative community safety and well-being plan to effectively provide citizens with the help and support they need. The plan is called "Our Way Forward" and was created after it discovering that 80% of 911 calls answered in the area were non-criminal in nature. The main factors related to these calls are connected to mental health issues, addiction, food and housing insecurities, and related socio-economic issues. The adoption of a modern, multi-cloud approach supported by the implementation of a number of apps is helping the police force serve the community in real time in a transparent, fast, and easy to deliver way.

The Our Way Forward programme is set to address four main areas (i.e., family violence, mental health, addiction, and systemic discrimination), which usually do not require the presence or authority of law enforcement officers. This approach will ensure the best distribution of police force based on the severity of the incidents, as well as the provision of civilian specialist operators who can typically cover as first responders. Ultimately, the goal of the plan is not to replace the human element, but instead to utilize technology to have a more authentic and effective interaction with the community.

For more information: <https://www.peel.police.ca/modules/news/index.aspx?newsId=0b9b0493-96d2-4603-a694-584ea86bb39e>



## THE CITY OF GENOA ON ITS WAY TO BECOMING AN ANTI-CRIME SMART CITY

The city of Genoa, in the north of Italy, is on its way to becoming a smart city with a strong focus on anti-crime. From the new local police operations centre to IoT video surveillance projects and embracing the smart city paradigm, the municipality of Genoa is increasing urban security and strengthening its relationship with citizens. Its main ingredients are research, innovation, and technology, particularly in reference to safety projects.

The local police force of Genoa is among the first bodies in the region for technological equipment, use of smart applications, and promptness of adaptation of its components to the use of these new technologies. Through the "Genoa Smart City" project, the municipality, in collaboration with the local police department, underlined a clear focus on safety. From video surveillance to the instrumentation of the new operations centre and the simplification of app-supported-communications between institutions and citizens (e.g., established penalties, traffic information, deadlines, and the status of the applications presented), the smart-city concept of Genoa is set to keep up with the times.



In this new smart city perspective, the new local police operations centre and its new approach, defined as "CPTED" (Crime Prevention Through Environmental Design), fit perfectly. Equipped with the most modern and sophisticated monitoring and control equipment, it allows each operator to view in real time from their workstation, even through a video wall, the images of each camera of the GeCam circuit installed in the area, verify the position of each single patrol, dialogue with other local authorities, and carry out assessment and control activities in support of operational patrols on the road, by car, motorbike, or on foot.

Inclusion in the new 112 system (Single European Emergency Number) also allows officers to act in the best synergy with the other law enforcement agencies in the area, offering citizens prompt and fast assistance.

For more information: <https://www.genovasmartcity.it/smart-what>

## INTERPOL CENTENARY GLOBAL VIDEO CONTEST FOR YOUNG POLICE LEADERS

INTERPOL calls young police officers from any of its 195 member countries to participate in a uniquely global contest. This contest is only one of the many activities in celebration of INTERPOL's centenary in 2023. Is your video going to be the winner? Will your video be shared all over the world?

The INTERPOL Centenary Celebrations in 2023 are an opportune moment to look not just backwards, but also forwards, to our shared future as a global law enforcement community. The Global Contest is designed to give next-generation police leaders a voice to express to current police chiefs and policy makers how they envisage their policing future, including how they see the global law enforcement landscape evolving in the years to come. In addition, responses will be used to guide the INTERPOL Future of Policing initiative (cf. below for more information).

The contest is for young police officers (under 35 years old). You are invited to join the contest as an individual, a duo, or a team of police officers. While members of duos and teams may typically come from the same country, it is also possible for them to be composed of officers from different INTERPOL member countries.

You may submit a short video (maximum 2 minutes and 30 seconds) in any of INTERPOL's four official languages (Arabic, English, French or Spanish).

The winner or a small representation of the winning team will be invited in person to the awarding ceremony in November 2023 during the INTERPOL General Assembly in Vienna, Austria and requested to make a short introduction.

For more information, please email [innovation@interpol.int](mailto:innovation@interpol.int)



# Looking back at 2022

# INTERPOL INNOVATION CENTRE

## THOUGHT LEADERSHIP

### FUTURE OF POLICING



Scanning for the Future(s) of Policing: First steps towards a new global paradigm

An INTERPOL Innovation Centre Working Paper [Version 1.0] MARCH 2022



Interviews, workshops, and testimonials:

- police chiefs
- young global police leaders
- business and academic leaders

### Publications



## FACE-TO-FACE KNOWLEDGE EXCHANGE



4th Drone Expert Summit (Oslo, Norway)



2nd Young Global Police Leaders Programme (Dubai, United Arab Emirates)



STRATalks Futures Network (Singapore)



7th Digital Forensics Expert Group Meeting (National Forensic Sciences University, India)



INTERPOL-UNICRI Working Group Meeting on the Toolkit for Responsible AI Innovation in Law Enforcement (Singapore)



New Technologies Forum: Law Enforcement in Web 3.0 (Singapore)

## INNOVATIVE SOLUTIONS



### Innovation-as-a-Service (INaaS)

- Facilitates novel insights & out-of-the-box thinking
- Provides global perspectives & new expert contacts
- Offers recommendations with strategic value

11 INaaS requests from INTERPOL units and member countries

Strategic in nature  
Improving crime fighting mechanisms  
Better internal functioning of police organizations

Inputs for INTERPOL's foray into the Metaverse



## Looking forward to working with you in 2023!

INTERPOL CENTENARY GLOBAL VIDEO CONTEST FOR YOUNG POLICE LEADERS



Global expert knowledge exchange



I-RAIL INTERPOL RESPONSIBLE ARTIFICIAL INTELLIGENCE LAB



What should we collaborate on next? Please let us know!

innovation@interpol.int

Digitalization and emerging technologies are rapidly transforming the landscape of policing. As societies, crime and policing become more digitalized and connected, developing holistic strategies for policing in the digital age will be a key strategic issue for the future of law enforcement. To help member countries address this challenge, the INTERPOL Innovation Centre is pleased to invite nominations for our event: **"Identifying Building Blocks/Strategies for a Holistic Approach around Emerging Technologies in Policing"**. This in person meeting will take place from **16 to 17 February 2023, in The Hague** and is co-hosted by the Netherlands Police. During this interactive exchange, representatives from INTERPOL member countries will be invited to present key features of their national policing strategies, to help identify the building blocks that police organizations should consider to prepare for the digital age.

25/01 TO 02/02

3rd INTERPOL Young Global Police Leaders Programme

New Delhi, India



INNOVATION CENTRE EVENTS

02/02

Use of Artificial Intelligence in Digital Forensics

ICVR Training

For more information, please contact the INTERPOL Innovation Centre

16/02 TO 17/02  
Holistic Approaches to Emerging Policing Technologies

The Hague, Netherlands



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