

Innovation

SNAPSHOTS

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► Innovation Centre

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► LASER SCANNING TECH IN BRAZILIAN LAW ENFORCEMENT

Laser scanning technology is revolutionizing how law enforcement agencies in Brazil investigate complex crime scenes, offering faster, more accurate, and safer forensic analysis. Once limited by size, cost, and complexity, today's LiDAR systems are more portable, affordable, and user-friendly, making them ideal tools for public safety applications.

Brazil's Federal Police have been using laser scanning technology for over five years. The use of laser scanning with tripod-based systems has since expanded to include handheld scanners like the Leica BLK2GO, high-speed RTC360 scanners, and Artec's Leo and Spider for close-range scanning.

The Brazilian Federal Police are also exploring robot-mounted scanners, including potential integration with Boston Dynamics' Spot. These scanners allow investigators to capture detailed 3D models of crime scenes within minutes, models that would previously have taken days to document manually. In one case with over 400 evidence tags, what would have taken a week by hand can now be completed in just 30 minutes using laser scanning.

As portability improves and field applications expand, laser scanning is becoming an essential asset in Brazilian forensic work. With continued training, this technology plays a growing role in the future of law enforcement, not just in Brazil, but also globally.

Source: [Geo Week News](#)

► DID YOU KNOW?

In 2025, INTERPOL and its partners successfully carried out Drone Incursion Countermeasure Exercises in Seville, Spain, and San Diego, United States. Over 14 months of preparation brought together law enforcement professionals and more than 300 participants to tackle complex challenges in urban airspaces and frequency-rich environments.

The exercises tested real-world scenarios such as surveillance missions, smuggling attempts, and coordinated swarm attacks. Blue Teams deployed the latest Counter-uncrewed Aerial System (CUAS) detection, identification, and neutralization technologies to safeguard critical infrastructure and public safety.

These efforts highlighted the rapidly evolving risks posed by AI-driven autonomy, swarm behaviour, and miniaturized surveillance. They also underscored the importance of rules of engagement, reminding participants that legal constraints — such as limits on jamming or shooting down drones in civilian areas — directly shape operational responses.

By demonstrating both the opportunities and challenges of counter-drone operations, the exercises reinforced the urgent need for adaptable strategies that balance operational effectiveness with civilian safety.



► BALANCING GROWTH AND RESPONSIBILITY: JAPAN'S NEW AI LEGISLATION

Japan's parliament has recently enacted a landmark bill titled the "Act on Promotion of Research and Development and Utilization of Artificial Intelligence-Related Technologies," commonly referred to as the "AI Bill." This legislation represents Japan's first formal law dedicated to regulating artificial intelligence, signaling a major step forward in the country's efforts to harness AI for economic growth. The primary goal of the bill is to promote government-supported research, development, and practical application of AI technologies to strengthen Japan's competitive edge in this rapidly evolving field.

Unlike many regulatory frameworks that impose strict penalties, this bill takes a more advisory and facilitative approach. While it does not include direct penalties for non-compliance, it empowers the government to advise businesses and organizations if their use of AI is deemed harmful or potentially problematic. The government can provide recommendations and guidance to help these entities amend their practices, fostering a cooperative rather than punitive environment.

Transparency is a key focus of the legislation. It requires AI operators to be open about how their technologies are developed and deployed, ensuring accountability in AI usage. Additionally, the bill authorizes government disclosure when malicious actors or harmful AI applications are identified, relying on existing personal information protection laws to safeguard individuals' privacy.

One of the most significant provisions is the potential establishment of a taskforce which would be responsible for creating clear guidelines and best practices for businesses to follow, helping companies operate responsibly while encouraging innovation and investment. Overall, the AI Bill aims to set balanced guardrails that promote responsible AI use.

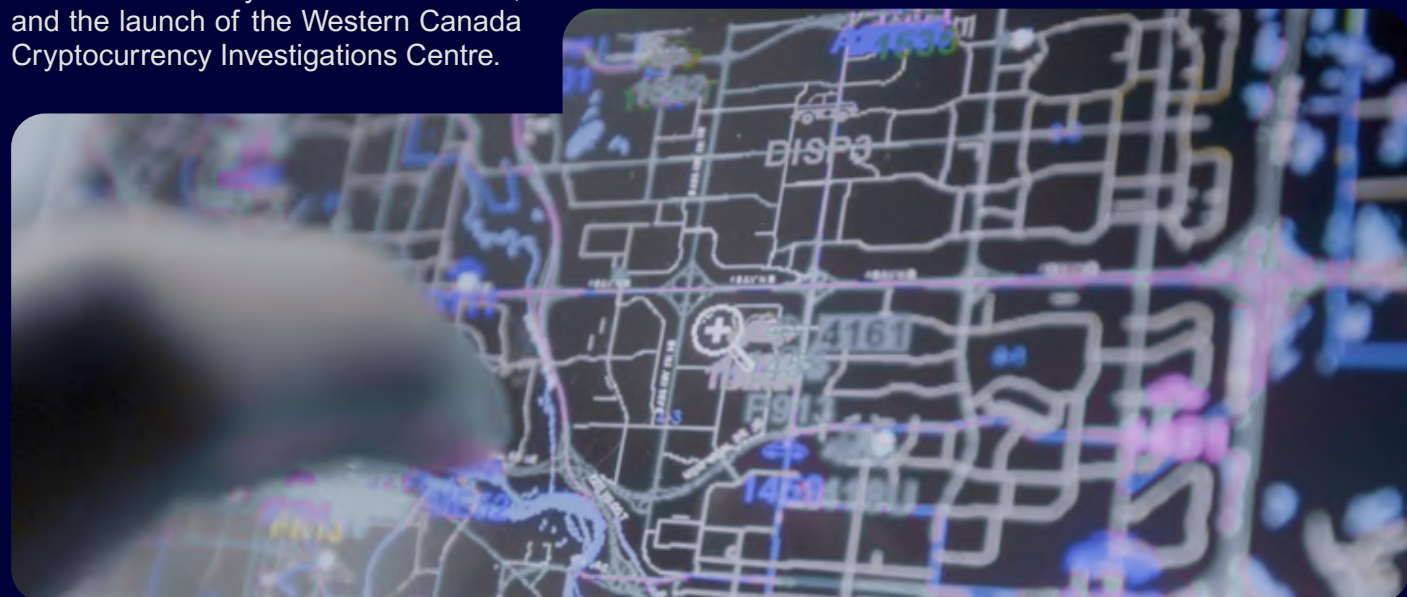
Source / Image: [International Association of Privacy Professionals](#).



► CALGARY POLICE AND CHAINALYSIS LAUNCH CRYPTO CRIME-FIGHTING HUB

The Calgary Police Service in Canada is joining forces with blockchain analytics provider Chainalysis to fight cryptocurrency scams. The partnership has led to the creation of the Blockchain Investigation Team (BIT), a specialized unit within the Calgary Police Service Cyber Forensics Unit, and the launch of the Western Canada Cryptocurrency Investigations Centre.

Blockchain data tools, software, and real-time monitoring systems allow investigators to trace digital transactions across public ledgers, follow the flow of stolen funds, and identify wallets connected to illicit activities such as fraud, ransomware, and darknet operations. The platform's software enables officers to uncover complex, often international money trails that would be otherwise impossible to track using traditional methods.



The new BIT team within Calgary Police Service is composed of specially trained cyber forensic experts who use Chainalysis' technology to investigate and prosecute crypto crimes. The tools can unmask pseudonymous blockchain transactions, link wallet addresses to real-world identities, and flag suspicious activity in real time.

The Centre will also function as a training hub for law enforcement across Canada, offering technical education and case support. This partnership marks a significant move toward modernizing policing capabilities in the face of increasingly tech-driven crime.

Source / Image: [Chainalysis](#).

► DID YOU KNOW?

The Ghana Fact-Checking Coalition has launched a Media Situation Room to monitor and flag election-related misinformation.

This initiative involves 30 trained media monitors nationwide, 20 regional fact-checkers providing real-time updates, and collaboration with over 100 media outlets operating in 45 local languages.

This initiative is using advanced AI tools, including the UK-based Full Fact platform, which is integrated to track content across radio, television, and online platforms.

Source: [Media Foundation for West Africa](#).



► STROTPRAGNA: OSINT SEARCH ENGINE FOR INVESTIGATORS

Strotpugna is a next-generation open-source intelligence (OSINT) search engine platform developed by the National Forensic Sciences University in India.

Designed to assist law enforcement agencies and investigators, this tool gathers actionable intelligence from a wide variety of online sources. It allows users to conduct detailed searches on digital identifiers such as IP addresses, email IDs, mobile numbers, URLs, domains, and Bitcoin addresses.

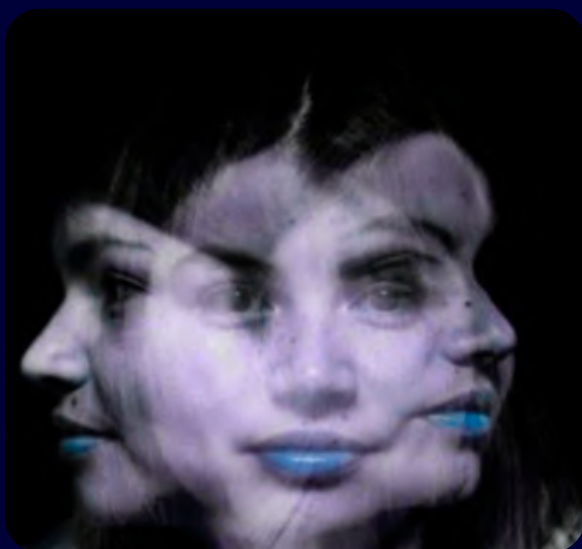
One of its core strengths lies in its ability to apply robust filtering options, enabling users to refine results across multiple categories like leaked data, API-extracted data, and threat intelligence. This segmentation allows for more targeted investigations and quicker access to corroborated data.

The system is built with an intuitive user interface, making it ideal for both novice users and advanced analysts. It offers categorized search output that groups findings into clear segments, aiding decision-making during time-sensitive investigations.

Strotpugna’s backend infrastructure is built to continually update its index to reflect the latest open intelligence available and ensures real-time relevance. As the platform continues development, it is poised to support national OSINT operations and digital forensics through modular integration with larger threat intelligence frameworks.

Source: [Center of Excellence in Digital Forensics, National Forensic Sciences University, India](#)
For institutional inquiries or access, contact: coedf@nfsu.ac.in

► PROTECTING ONE’S IDENTITY: DENMARK’S COPYRIGHT LAW AGAINST DEEPFAKES



Deepfakes, which use artificial intelligence to create highly realistic but fake images, videos, or audio, can inflict significant harm on individuals and society by threatening transparency and trust. These fabricated digital representations have the potential to spread misinformation, manipulate public opinion, and damage reputations.

Synthetic media such as deepfakes pose a serious challenge to law enforcement agencies worldwide, as malicious actors increasingly use them to impersonate individuals, obstruct justice, or manipulate evidence. Recognizing the global scale of this issue, the Danish government has taken a step by proposing legislation specifically designed to combat AI-generated deepfakes.

This new law would grant Danish citizens property rights over their own likeness and voice. Under this proposed legislation, individuals whose features are used without consent in deepfake content would have the legal right to demand its removal from online platforms, giving them greater control over their digital identities.

This pioneering approach aims to strengthen protections against digital identity theft and ensure that individuals are empowered to safeguard their personal image and voice in the digital age. By establishing clear legal rights and mechanisms for recourse, Denmark’s initiative sets an important precedent in the fight against the misuse of AI technologies and helps protect democratic values from emerging digital threats.

Images: [International Comparative Legal Guides](#).
Sources: [The Guardian](#); [National Public Radio](#); [Trademark Lawyer Magazine](#).

► INTERPOL MEETING ADVOCATES FOR AI PUBLIC SAFETY

CURITIBA, Brazil — The 5th Global Meeting on Artificial Intelligence (AI) for Law Enforcement brought together more than 200 experts from 42 countries to discuss the AI crime landscape and law enforcement’s current and future preparedness.

With the theme “Advancing Public Safety with AI,” the event, held from 26 to 28 August 2025, tackled the following issues relevant to the law enforcement community:

- AI readiness and cutting-edge AI applications in law enforcement.
- The evolving landscape of AI-enabled crime, threat intelligence and insights, and practical tools to build operational response capabilities.
- Future AI preparedness, shaping the next generation of law enforcement, and emerging trends.

The Global Meeting also identified opportunities for innovation and collaboration to stay ahead of the evolving threat landscape.

In his video message to the participants, INTERPOL Secretary General Valdecy Urquiza said that “I ask each of you to make one concrete commitment – whether it’s launching a joint pilot project, designing a new training initiative, or forging a partnership with an academic or industry partner. Collaborative innovation – through joint labs, exchange programmes, and cross-sector research – are the partnerships that will help us develop the solutions we need – and ensure they serve global security.”

With the support of the Brazilian Federal Police, Fundação Justiça pela Ciência, and the United Nations Interregional Crime and Justice Research Institute (UNICRI), the event had 48 speakers from law enforcement, international organizations, private sector, and academia.



VACANCY NOTICE

SECONDMENT: Assistant Director – Applied Innovation
INTERPOL Innovation Centre, SINGAPORE



Are you passionate about driving change at the intersection of policing and cutting-edge technology? At INTERPOL’s Innovation Centre in Singapore, you’ll work alongside global experts, law enforcement agencies, academia, and the private sector to design the future of international policing.

Key Responsibilities

- **Lead Innovation in Action** – Oversee the development of advanced operational solutions in digital forensics, cyberspace, and emerging technologies.
- **Tech Assessments** – Analyse practical tools that empower law enforcement agencies worldwide.
- **Build Global Partnerships** – Engage with international police forces, private industry, and academia through INTERPOL’s vibrant public–private partnerships.
- **Shape the Future of Policing** – Monitor emerging technologies, assess their implications for global security, and guide informed discussions among member countries.
- **Set Standards for Progress** – Develop guidelines and best practices that define how innovation strengthens law enforcement.



DEADLINE: 15 JANUARY 2026

[Please click here for job vacancy description.](#)



CALL FOR CONTRIBUTIONS
Spotlight your innovations

- ▶ Law enforcement is evolving at an unprecedented pace, fueled by technological innovations and collaborative efforts that redefine policing.
- ▶ The Innovation Snapshots newsletter captures and showcases these transformative advancements and invites you to join the conversation.
- ▶ We welcome stories from law enforcement, industry innovators, and academic researchers that showcase technologies and novel approaches to drive advancement together.

Submission Guidelines

- Keep contributions to ~400 words.
- Include relevant, high-quality photos with usage rights and credits.
- Maintain a neutral and factual tone.
- Email your contribution to IC-Snapshots@interpol.int and a brief bio of yourself or your organization.



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