

approach to combating crime requires an integrated approach that can only be achieved through the collective efforts of the international community through close cooperation between state institutions. That is why Interpol's activities in the fight against crime play a significant role in achieving common goals in the fight against crime. Undoubtedly, in the modern conditions it is important for Ukraine to actively participate in international law enforcement relations in order to move closer to international and European standards of public life, which requires the improvement of all existing means of preventing and detecting crime.

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#### **TECHNOLOGIES THAT TRANSFORM LAW ENFORCEMENT**

The modern world changes every minute and everything in it must keep pace with the times. Law enforcement agencies have not been spared too. Every one of us connects police work to constant tension routine traffic stops and piles of desk work. But today, that's all changed. Law enforcement technology is making its mark on police departments around the country as new-and-improved gadgets are becoming available to help officers prevent crime.

Here are few technical innovations that are already being implemented:

1. Robotic cameras – police officers can't be everywhere at once at a crime scene, and some situations are too dangerous to risk sending officers. That's why robots have been specially designed to deploy into places officers can't reach safely. Officers can throw them into hard-to-reach areas or places without a clear line of sight and operate it wirelessly from safety. Officers are making use of this robotic technology to detect bombs or search suspicious homes and vehicles. With an electric motor and special wheels that allow it to move, climb and explore, this robotic camera is helping to keep officers out of harm's way.

2. Handheld lasers – the chemical composition of an unknown substance within seconds. If an officer comes across a suspicious substance, these devices will reveal the chemical makeup almost immediately. These lasers are also keeping officers safe from harmful substances they may not have recognized otherwise.

3. Tablets-iPads and other tablets. Officers can now file accident and incident reports wirelessly, look up photos of suspects and access other information in a state crime database—all from their car or a crime scene. With less time spent at their desks, officers have more availability to actively patrol the streets and prevent crime.

4. Artificial Intelligence-is also being used for “predictive policing”. Utilizing so-called “deep learning” algorithms, programmers can train computers to analyze data from a vast array of sources and categories to actually predict when and where crimes are likely to occur, increasing the likelihood that officers will be in the right place at the right time.

5. Gunshot detection systems – is a system that shows police officers where a gunshot has just been fired. This new and still-improving technology uses sensitive audio sensors placed around a neighborhood to detect gunshots and show officers the exact location. This law enforcement technology helps officers respond faster to gunshot incidents, which gives them a leg-up on assisting victims and tracking down suspects. GDS technology has the potential to make communities much safer, especially in areas where there aren't enough officers to be on patrol 24/7.

The world of law enforcement is changing rapidly, thanks in no small part to technology. It follows that the faster the world develops, the more technology will be introduced into law enforcement and other areas.

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