



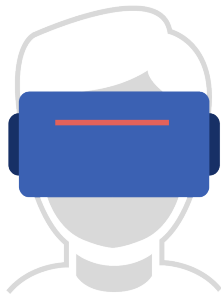
SHOTPROS

Virtual Reality

The future of law enforcement training
- Be part of it!

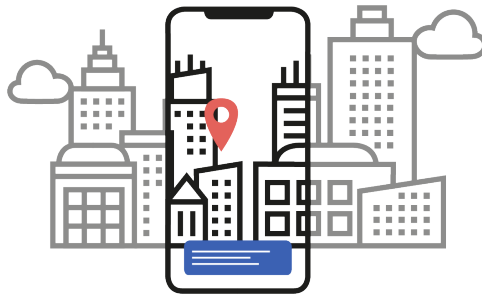
European law enforcement agencies' field of action constantly changes and new challenges are emerging all the time. By contrast, technological advancement brings up new solutions to better prepare police officers for those challenges every day. Virtual Reality (VR) is one of those solutions that can be utilized to enhance current training practices and maximises the impact of police training.

INTRODUCTION - Delamination of Virtual Reality



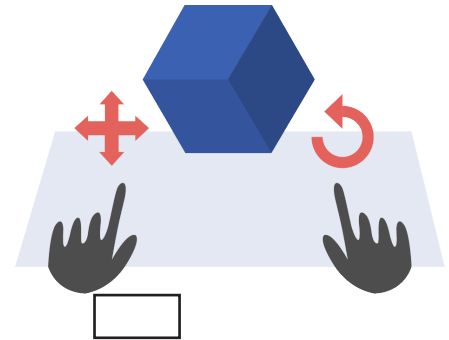
Virtual Reality

Artificial environment
Full immersion the virtual scenario



Augmented Reality

Enhanced world
Virtual objects overlaid on real-life environment



Mixed Reality

Virtual environment combined with real world
Virtual objects overlaid on real-life environment

Areas of application in law enforcement

There are several areas of application for Virtual Reality training in the law enforcement domain, such as

Training

Improve or develop certain skills by utilizing VR technology

Crime Science Investigation

VR enables the inspection of crime scenes in a virtual world, evidences can be found even if the scene is already cleaned

Surveillance, Observation & Communication

Drone recordings can be transferred to VR; Buildings can be scanned, re-built in VR and filled with live content

...and many more!

www.shotpros.eu



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 833672. The content reflects only the SHOTPROS consortium's view. Research Executive Agency and European Commission is not liable for any use that may be made of the information contained herein.



SHOTPROS

Virtual Reality

The future of law enforcement training
- Be part of it!

ADVANTAGES of Virtual Reality

- » Full immersion gives the feeling of real-life training
- » Large-scale scenarios like riots, demonstrations can be trained with less resources (personnel, budget, etc.)
- » Training sessions can focus on certain skills like de-escalation, use of force, etc.
- » Scenarios can be engineered based on specific requirements
- » Sudden changes in the training scenario can be included by the instructor
- » Evaluation & after-action review with comprehensive video recordings from several perspectives

5 THINGS you need to know about Virtual Reality training

The Dynamic Process

to integrate VR Training in your organisation must be planned carefully

- » identification - Analysis of needs and requirements
- » acquisition - comparison of potential providers and offers
- » implementation - Adaptation of the technology and the organisational framework

The Requirements

To match the technology with the needs of your organisation. The wants and needs of training technologies might differ in every law enforcement agency. Requirement workshops with practitioners provide insights into the specific demands.

The Scenarios

In Virtual Reality can be agilely developed and adjusted to meet the training goals and expected outcomes. To maximise the impact of VR training, this needs to be done beforehand and constantly adapted.

The Expertise

To manage, update and operate the VR system must be provided.

- » External or internal experts?
- » Courses for instructors might be necessary to handle the technology

The Costs

of VR training must be budgeted before purchase. Technology is under constant development and the financial scope of maintenances and update should be considered.

www.shotpros.eu



This project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 833672. The content reflects only the SHOTPROS consortium's view. Research Executive Agency and European Commission is not liable for any use that may be made of the information contained herein.