

# Shooting Range Automation

**ISSM Labelling Solutions Introduces "Shooting Range Automation": Revolutionizing Precision Shooting with Computer Vision Technology**

**ISLAMABAD, Capital Territory. – April 15, 2021** - ISSM Labelling Solutions, a pioneer in cutting-edge technology solutions, is proud to unveil its latest innovation, "Shooting Range Automation." This groundbreaking system harnesses the power of Computer Vision (CV) technology and artificial intelligence (AI) to redefine the precision shooting experience, both in traditional shooting ranges and various other applications, including public events like the Olympic Games.



## Enhancing Precision Shooting

In traditional shooting ranges, precision and accuracy are of paramount importance. However, shooters have long faced a challenge - the inability to immediately ascertain where their shots land, as the target is often not visible to the naked eye. ISSM Labelling Solutions recognized this challenge and has developed a solution that transforms the shooting experience.



## The Process

"Shooting Range Automation" combines CV technology and AI to provide real-time feedback to shooters. Specialized cameras capture the trajectory of each shot and instantly relay the information to a screen located in front of the shooter. This display showcases the precise location of each bullet impact, allowing shooters to make



rapid adjustments and improve their accuracy.

## Beyond Traditional Shooting Ranges

While "Shooting Range Automation" is a game-changer for precision shooting, its applications extend far beyond the confines of shooting ranges. This innovative technology opens doors to various sectors and events:

- Olympic Games: Imagine the thrill of watching Olympic shooting events with real-time bullet impact visualization, providing spectators and athletes with an immersive experience.
- Law Enforcement Training: Police and law enforcement agencies can use this technology to enhance their firearms training, ensuring accuracy and precision in high-stress situations.
- Military Training: The system can be employed for military training exercises, optimizing marksmanship skills and reducing training time.
- Security and Surveillance: "Shooting Range Automation" can be adapted for security and surveillance purposes, enhancing threat detection and response.
- Entertainment and Gaming: The technology can be incorporated into virtual shooting games and entertainment experiences, offering players unparalleled realism.

ISSM Labelling Solutions' "Shooting Range Automation" represents a leap forward in precision shooting technology. This innovative system promises to enhance accuracy, training, and the overall experience of shooters across diverse applications, making it a valuable addition to the world of technology and sports.

## About ISSM

ISSM is a provider of AI-powered technological solutions, dedicated to reshaping customer interactions across diverse industries. With a strong foundation in research and development, ISSM empowers businesses with cutting-edge artificial intelligence and natural language processing technologies.

Most of our products within these domains emanate from our own published work that we are now productising. Our team includes academic and industry veterans that are building globally competitive products.

ISSM Labelling Solutions (Pvt.) Ltd.  
Islamabad, Pakistan  
Abu Abdullah Ashar  
Chief Product Officer  
[admin@issm.ai](mailto:admin@issm.ai)