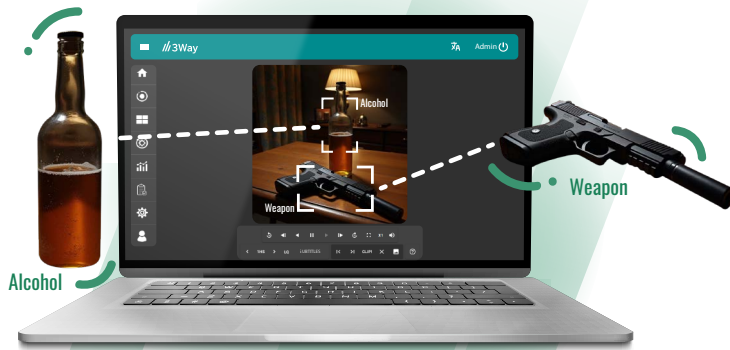




OBJECT DETECTION

OBJECT DETECTION SYSTEM USING ARTIFICIAL INTELLIGENCE



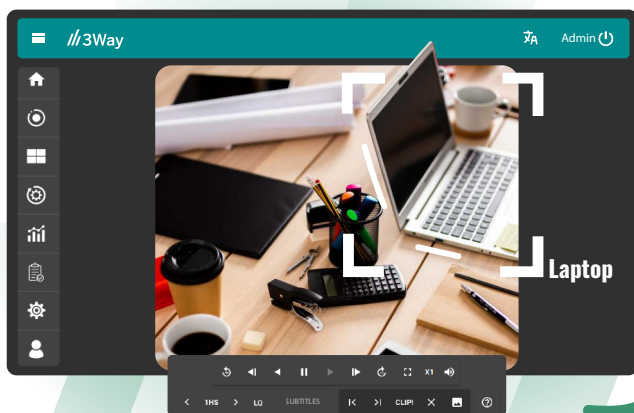
The software can analyze live or recorded broadcasts in real-time to identify images of objects, thanks to artificial intelligence trained with preloaded images.

The AI is trained with a large and varied database of images, both of objects and non-objects, to avoid false detections.

This solution has great potential in monitoring and regulating content on television channels, live streaming platforms, and other public environments.

Features

- 1. Live Monitoring:** The tool continuously monitors broadcasts, capturing frames and analyzing visual content without affecting transmission quality.
- 2. Detailed Reports:** After detection, the software generates detailed reports with timestamps and a description of the content. This is useful for television channel operators who may need to justify content-related decisions.
- 3. Detection History:** The system stores a history of all explicit content detections for future analysis and to generate statistics on the frequency of such content.
- 4. Notifications and Alerts:** When a previously registered object is detected, the software issues a real-time alert to administrators or content control personnel. Alerts can be visual, auditory, or sent via email.
- 5. Intuitive User Interface:** An interface that allows users to easily upload training images, configure model parameters, and visualize detection results.
- 6. Scalability:** The ability to process multiple television channels simultaneously and adapt to new objects and scenarios.



Characteristics

- ✓ 100% Web-based configuration.
- ✓ Identification of appearance with date/time, program, signal, and clip duration.
- ✓ Applicable to both digital and analog TV.
- ✓ Available match percentage information.
- ✓ Allows real-time recognition as well as scanning of recorded archives.
- ✓ Generation of custom reports for detections in various formats: JSON, XML, HTML, PDF, XLS, and CSV.
- ✓ Webhook for sending detections
- ✓ You can upload clips using Web Upload, Windows shared folder, or bulk uploads via REST API.
- ✓ No need to decode the saved file for archive searches, allowing for surprisingly fast backward searches.