Equature.AI

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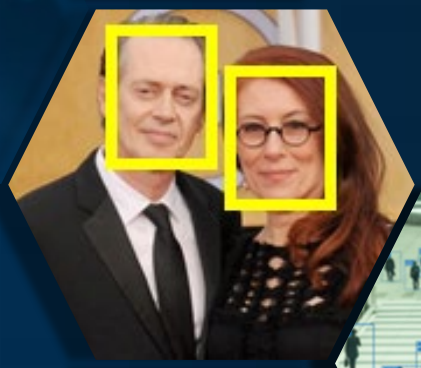
Equature has significantly invested in the development of artificial intelligence technologies and infrastructure for use in real-time video analytics and audio processing. These technologies leverage the latest hardware capabilities to facilitate fast and accurate analytics across multiple, simultaneous streams. Equature.AI is currently capable of a number of applications and is designed to be trained for any operation required by the user. The system can of being housed in a near-edge device, PC, or the cloud, allowing for significant scalability.



Capabilities

Object Detection – Bounding Box

Equature can detect a face, person, vehicle, license plate, weapon, and mask using bounding box object detection.

Object Detection – Segmentation

This type of detection provides a pixel-based mask for each detected object rather than a bounding box.

Anatomical Landmarks and Pose

Using this type of detection, Equature can recognize facial expressions and various poses.

Face Recognition

Equature's face recognition has been optimized to run in real-time along with comparing detected faces to a list of known faces.

Applications

Detection with Configurable Alerting

Easily configure a system of one or more cameras to perform object detection and alerting.

Face and Full-Body Redaction

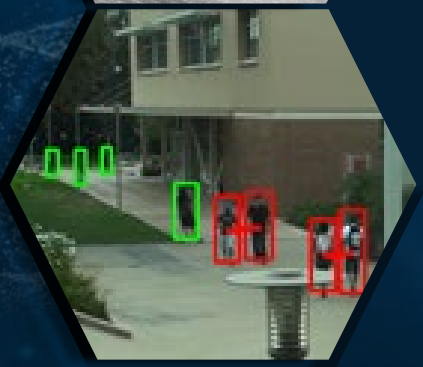
Quickly redact faces or full bodies from recorded video to output new video that includes completed redactions.

Weapons Detection

Detects both handguns and long guns to provide advanced alerting.

License Plate Recognition

Detects and recognizes characters on a license plate mounted to a vehicle.



Social Distancing

Monitors social distance between persons.

Thermal (Infrared) Person and Vehicle Detection

Continues to detect both persons and vehicles through IR/Thermal video streams and images.

Equature

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