ai·PPE

DETECTION OF WORKERS NOT WEARING PERSONAL PROTECTIVE EQUIPMENT (PPE)

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ai·PPE

A VIDEO ANALYTICS APPLICATION THAT, THANKS TO THE USE OF ADVANCED ARTIFICIAL INTELLIGENCE ALGORITHMS, IS CAPABLE OF DETECTING THE PRESENCE OF WORKERS WITHIN ONE OR MORE MONITORED AREAS AND GENERATING AN ALERT WHEN THEY ARE NOT WEARING THE REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE).

The application can detect the following **PPE combinations**: “Protective Helmet”, “High-Visibility Vest”, and “Protective Helmet and High-Visibility Vest”.*

There are no limitations on the number of workers that can be monitored simultaneously or the number of areas that can be analyzed.
The system can operate in both **indoor and outdoor** environments.

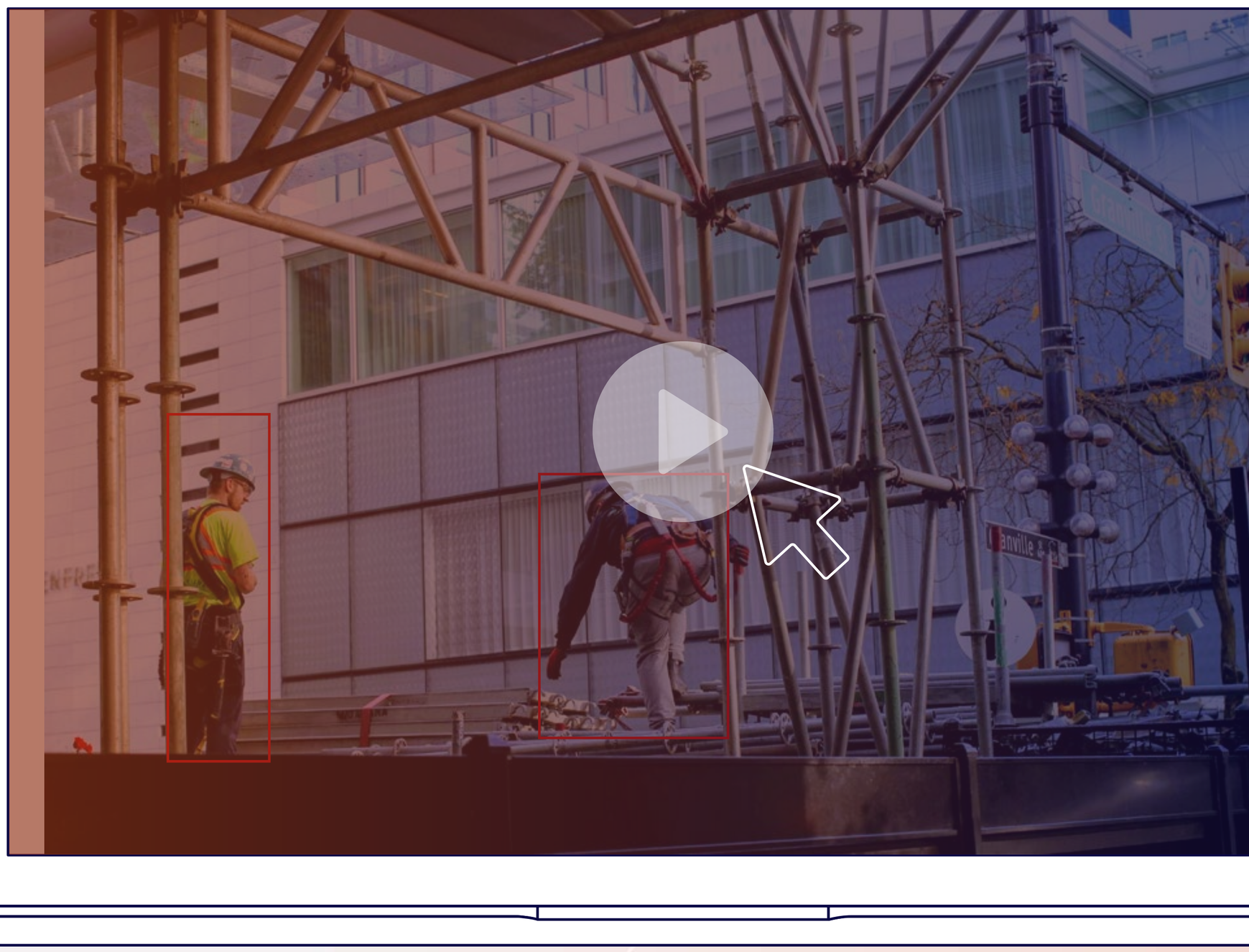
The solution is designed to comply with **privacy regulations** and allows for worker anonymization in the video feed and/or ensures that the specific worker triggering the alert is not individually identified.

*Additional PPE types not listed can be evaluated upon request as part of a custom project.

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ai·PPE It is the video analytics solution designed to support the work of **personnel responsible for worker safety**, both in public environments, such as construction sites, highways, etc, and in private settings like industrial facilities, where the use of PPE is necessary and mandatory for worker protection.

By **continuously monitoring** the environment, AI-PPE becomes a reliable ally, capable of detecting in real time any “oversights” by employees and alerting safety managers to enable **immediate intervention**.



CLICK “PLAY” AND SEE THE DEMO

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ARCHITECTURE

WHERE CAN I INSTALL THE APP?

Follow the link below for all compatible platforms
CLICK HERE

INTEGRATION

WHERE CAN WE NOTIFY THE EVENTS GENERATED BY THE APP?

Events can be sent to external servers using over **20 different systems**, which include third-party VMSs, standard protocols (such as HTTP, FTP, MODBUS and MQTT) and also **A.I. Tech proprietary protocols,** which allow the notification of events to the dashboards of A.I. Tech.

Follow the link for info, CLICK HERE

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