AI-PPE

Detection of workers not wearing personal protective equipment (PPE)

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AI-PPE

AI-PPE is the video analytic app, based on the most advanced artificial intelligence algorithms, designed to detect the presence of workers inside the monitored areas and rising alarms in case some of them are not using Personal Protective Equipments (PPE) like helmets and life jackets [*].

There are no restrictions on the number of workers and areas to be monitored; the app is able to deal with multiple workers and areas simultaneously and can be used both indoors and outdoors.

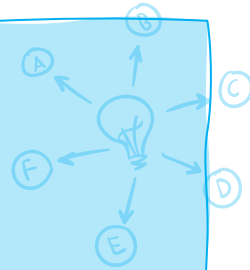[*] Any other PPE not taken into account may be assessed on a project-specific basis..

AI-PPE is the video analytic solution that meets safety and privacy to guarantee a constant monitoring of workers in environments where using PPE is mandatory.

Typical use cases are public and private construction sites or industries, where wearing PPE is required by law to ensure workers' safety.

AI-PPE is essential for safety managers as well as for workers, the real-time continuous monitoring allows to immediately notify wrong behaviors and forgetfulness. Thanks to the possibility of masking the video stream, the app also ensures full compliance with current privacy regulations.

ARCHITECTURE
Where can we install the app?

The detailed list of specific compatible platforms can be reached via the link on the right.

| Edge | Embedded | Server |

INTEGRATION

Where can we notify the events generated by the app?

Events can be sent to external servers using over 20 different mechanisms, 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. More information via the link on the right.

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