



EYECONT - INTELLIGENT SYSTEM FOR INDUSTRIAL SECURITY AND LABOUR SAFETY

The system is based on convolutional neural networks. It analyses received images from overview video cameras, detects people in the image and highlights people presence in dangerous areas. Additionally, the system controls the presence of such personal protective equipment (PPE) on the personnel as hard hats, high visibility vests, face masks and others.

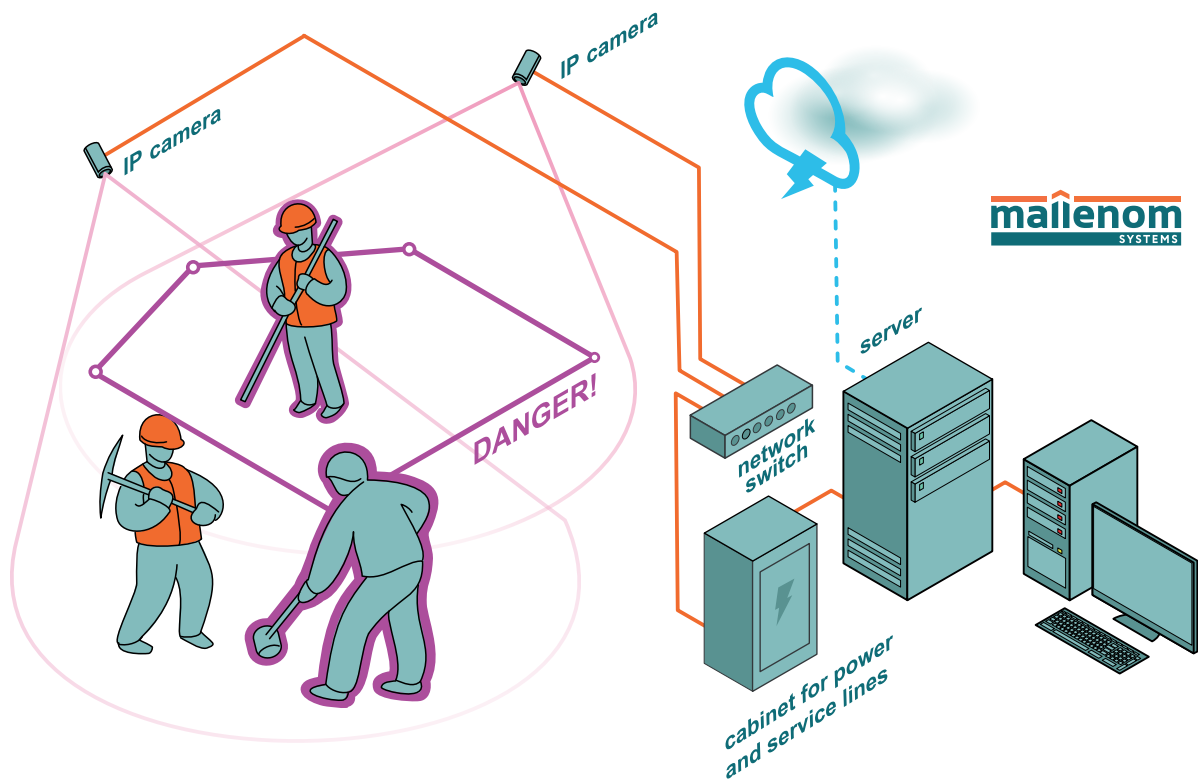
IMPLEMENTATION OF EYECONT SYSTEM ALLOWS TO

- Reduce the number of industrial injuries at a factory
- Prompt the personnel to follow industrial safety rules and regulations
- Remove uncertainty in control of industrial security and labour safety

FUNCTIONAL CAPABILITIES OF THE SYSTEM

- Detection of people in the video image and control of PPE presence
- Detection of people presence in the dangerous/hazardous industrial areas
- Logging of industrial violations and notification of the administrative personnel
- Generation of the reports with saved still frames or short video clips with detected industrial safety rules violation

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Accuracy of up to 99%

High recognition accuracy thanks to the latest machine vision technologies



Ease of integration

SDK for convenience of integration with third party systems for video analysis



Customization

Adaptability of the system to meet individual demands of the enterprise; expansion of functionality and detectable PPE types



Comprehensive solution

Unified system for detection of PPE presence and detection of people in dangerous industrial areas

