



EYECONT – INTELLIGENT SYSTEM FOR INDUSTRIAL OCCUPATIONAL HEALTH AND SAFETY

EYECONT software enables to establish comprehensive standalone intelligent video surveillance system at the enterprise with the ability to incorporate neural network video analytical modules to control personnel and occurrence of dangers.

Implementation of EYECONT system helps to reduce the number of industrial accidents and injuries by preventing occurrence of safety violations and reducing reaction time for the incidents. The video-analytical capabilities of the EYECONT system significantly exceed those of modern smart cameras both in terms of functionality and efficiency.



Control the use of up to 15 types of personal protective equipment (PPE)



Monitoring the entry of people into a static or dynamic danger area



Face recognition, gender and age identification



Personnel counting in a specified area



Employee time tracking



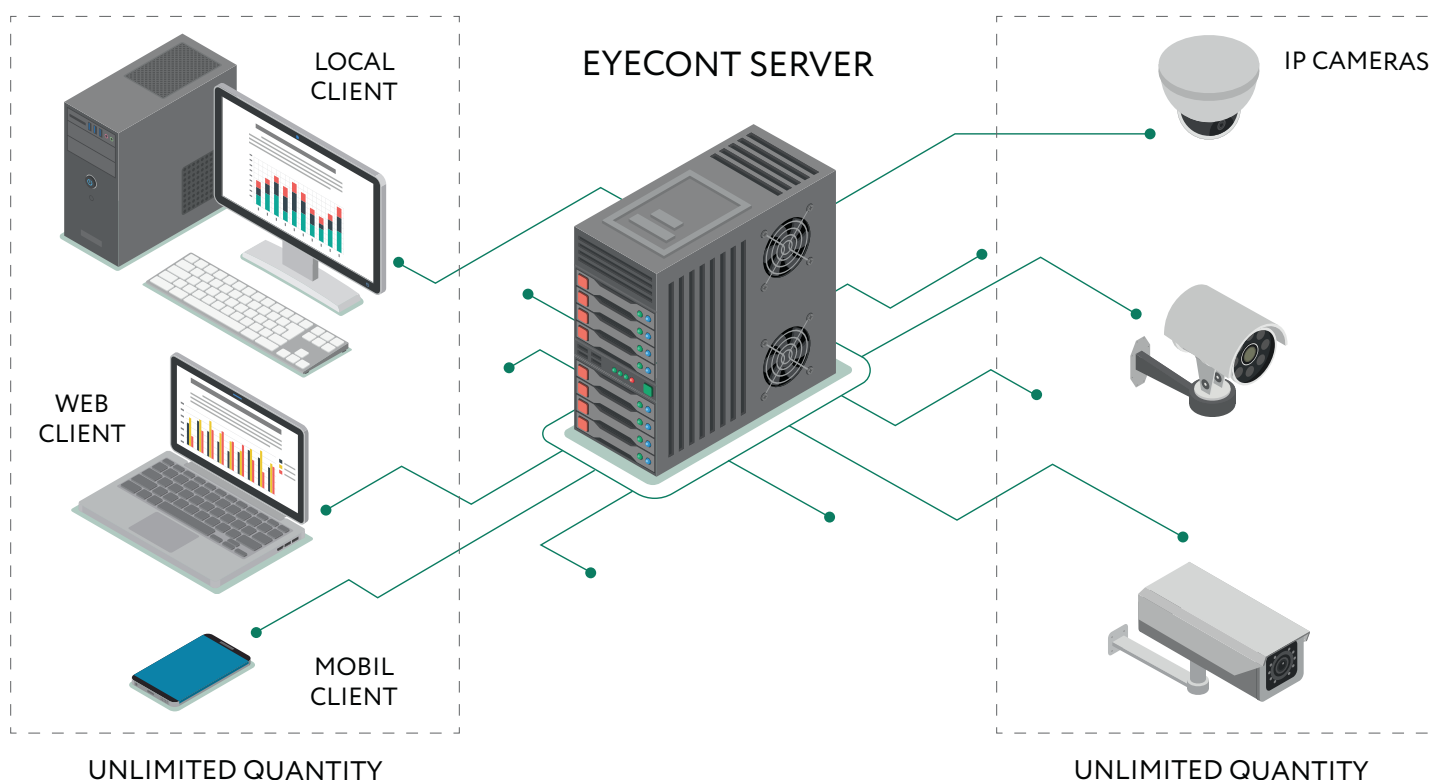
Monitoring occurrence of dangers: smoke, fire, etc.

UTILISATION OF EYECONT SYSTEM ALLOWS TO:

- Automate the prevention measures for industrial injuries at the enterprise
- Approach “zero injury” mark at industrial sites
- Improve occupational awareness and discipline for compliance with industrial health and safety rules by personnel
- Eliminate the human factor from processes for control of compliance with industrial health and safety rules
- Collect evidence for the cases of industrial health and safety rules violations



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ADVANTAGES OF THE EYECONT SYSTEM

- High recognition accuracy due to the latest machine vision technologies
- System adaptation to the conditions at the facility, expansion of the functionality and detected PPE types
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- Unified system for monitoring industrial safety and occupational health at the enterprise
- Reducing the cost of computing equipment due to the ability to utilise CPU for video analytics processing
- API for convenient and quick integration with third-party systems

