

AISEHS

AI-BASED WORKPLACE SAFETY PLATFORM DRIVING ACTION-ABLE INSIGHTS TO INCREASE SECURITY VISIBILITY IN YOUR WORKPLACE

Features

- Intuitive video clips to identify hazards Al knowledge is not required for operating ASUS EHS platform -- users only have to identify hazards and confirm them in video clips without extra effort
- Powerful dashboard to visualize hazards A comprehensive dashboard provides various metrics for analysis
- Real-time notifications

Receive real-time notifications by e-mail and audible alarms when suspicious behavior is detected

The AISEHS Management Service Platform is an Al-based SaaS designed to improve standard operating procedures for worker safety and to minimize potential risks through artificial intelligence (Al). It also provides visualization risk reports to EHS managers, helping to achieve greater production optimization and management.





Dashboard Visualize potential risks to

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AISEHS

AI

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Smart safety AI applications, safety in every corner



Risk identification for manmachine interaction (MMI)

Identify complex operational actions based on pre-defined standard operating procedures, such as a worker operating the machine.



Pointing confirmation

Dynamically detect the pointing-confirmation procedures of all personnel, including finger pointing and gaze detection.



Identification of personal protective equipment (PPE)*

Identify the safety of work attire, such as hard-hats, masks and high-visibility vests.

* For details, please contact ASUS.



Hazardous area identification (Virtual electric fence)*

Prevent workers from entering restricted areas, or detect whether triangular traffic cones and scaffolding are properly placed when constructing in dangerous areas such as where large holes in the ground may be present.

Benefits

Immediate alerts to notify of any security concerns



In the past, CCTV equipment was only used to access records after dangerous behaviors occurred. But now, an existing CCTV system installed in factory can be used for data collection with AI modules and analytics to actively identify dangerous behaviors.

Leverage AI technology to increase workplace safety



Deep-learning AI technology can interpret complex dangerous behaviors. Users can get started easily without expertise in AI or programming code.



A dashboard tracks dangerous behaviors to help users analyze potential risk factors, so that EHS managers can effectively monitor unsafe behaviors and strengthen safety training.

Successfully establish worker safety SOP



This platform can also serve as an auxiliary system to improve standard operating procedures for occupational safety and to minimize incident rates.

Partner with ASUS IoT for workplace safety

The AISEHS Management Service Platform not only provides complete SaaS platform and service training, but it is also a portal with system integration (SI) as a tenet to manage multiple customers.

Multi-tenant architecture

The SI portal empowers system integrators to manage multiple clients, ensuring the quality of customer service.

Monitor AI model performance

The SI portal can track AI model performance. The training data of different clients is kept separate to ensure data security.

Monitor service quality

The SI portal can instantly view the health status of AI workstations, including CPUs, GPUs, memory, storage and more.

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Achieve rapid deployment

System integrators can leverage the SI portal to help customers to set up local workstation and IP cameras just with few clicks, which can dramatically reduce deployment time.



iot.asus.com

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