Industrial Accident Prevention Solution

Safe insight

• What is Safe insight?

Safe insight is an **AI based solution** that helps to **prevent serious accidents**. By using AI technology, Safe insight will protect workers to be exposed from various risks in the industrial sites

Intelligent image recognition

Using advanced object recognition and classification models, various risk factors of workers will be detected and notified in advance

Tag-based composite positioning technology

Wi-Fi FTM-based high-precision complex indoor positioning technology collects and analyzes worker location and status information to detect risk factors in real time

Integrated monitoring system

Provides real-time risk status, statistical and safety KPI information, and various risk notification services through the web and mobile apps

• Features of Safe insight

01 **Solutions for preventing** industrial accidents

It is a solution that can prevent accidents in advance, rather than reacting late after the accident occurs at the industrial sites

02 **Solution** that has been **proved** and **verified** in the field

It is a proven solution in industrial sites of various sizes and surroundings, from small/medium-sized manufacturing plants to large shipyards. We are about to sign contracts to supply solutions with Lantern Systems for sales in the Middle East, including Saudi Arabia, and cooperate with GTS to supply solutions to global companies such as L&T, ARAMCO, SABIC, and IMI Shipyard

03 **Flexible solutions** through various selections and H/W configurations

Package ① CCTV only	Package ② TAG only		Package ③ CCTV + TAG		Optional	
CCTV (Ready-made)	Complex Location Tag	Wifi-AP (Ready-made)	CCTV (Ready-made)	Complex Location Tag & Wifi-AP	Signal Lamp (Ready-made)	IoT env-sensor (Ready-made)

Safe Insight can be applied by package depending on the business size, purpose, environment, etc., and it provides the optimal solution through flexible H/W configuration and additional options. CCTV cameras can be linked to existing equipment, and commercial products that support FTM can be used as W-Fi APs for Tag positioning.

• Main Function of Safe insight

1) Accident prevention based on CCTV image recognition

PPE violations Monitoring

Obstacle monitoring

Dangerous and restricted area monitoring

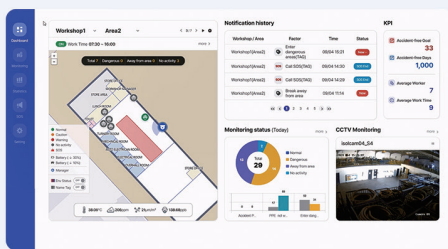## 2) Comprehensive location-based collision prevention for moving objects
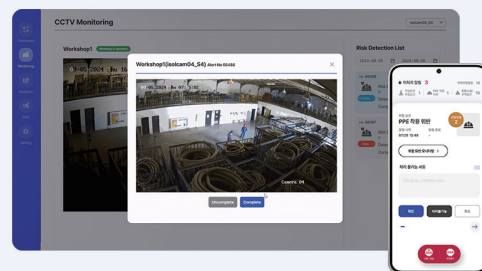

Collision Prevention between vehicles and workers

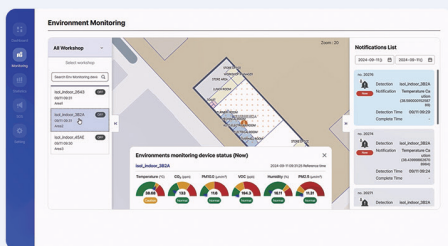Automatic notification through manual request or status analysis in case of emergency

3) Integrated monitoring and notification service
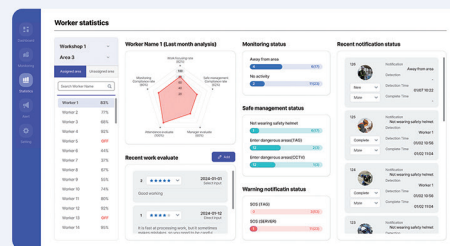

Dashboard shows real-time location and alerts

Video notification history and manager APP

Weather/environmental information and notification history

Workplace, worker analysis statistics

• Specification of Core Equipment

Exclusive Equipment

Hubilon Exclusive TAG Point insight 2.0

Item	Details
Function	• Wi-Fi FTM, BLE, IMU Sensor
Size	• 70 × 60 × 20mm
Battery	• Built-in battery 4,200mAh
Etc	• IP65 (waterproof and dustproof)

Ready-made equipment

CCTV Camera

Item	Details
Function	• Support Full HD CCTV Camera

Wi-Fi AP

Item	Details
Function	• Universal Wi-Fi AP supporting Wi-Fi RTT and associated FTM features in the IEEE 802.11mc Wi-Fi Location standard
Compatible Products	• Google AC-1200, HPE Aruba AP-505, NETGEAR orbi Micro RBR20, etc

If you have any questions about **Safe insight**,
the ultimate industrial safety prevention solution, please contact us, **Hubilon**

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