Smart Safety Management System

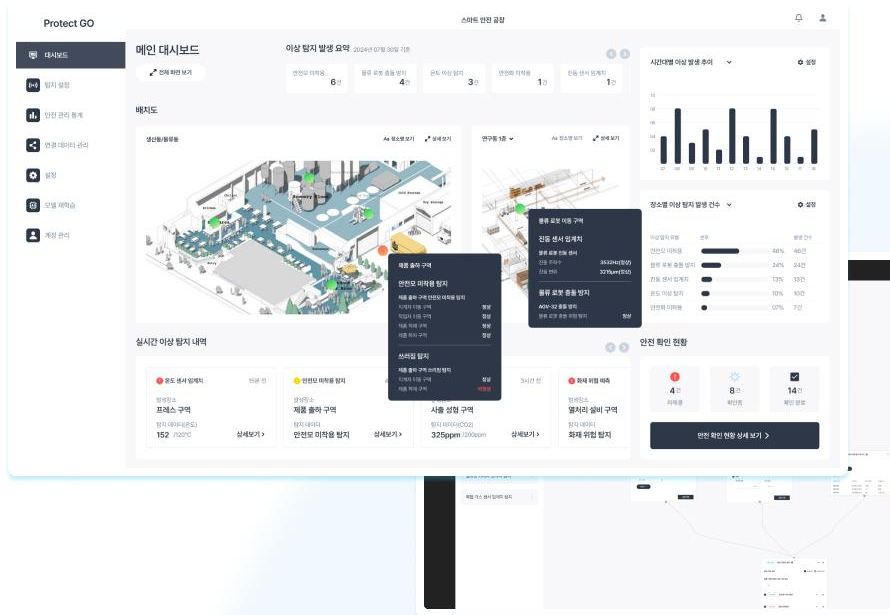# Protect Go AI

safety system created **with my own hands**

AI safety management solution

Get started with **Protect Go AI**

i DB

InnoDataBridge

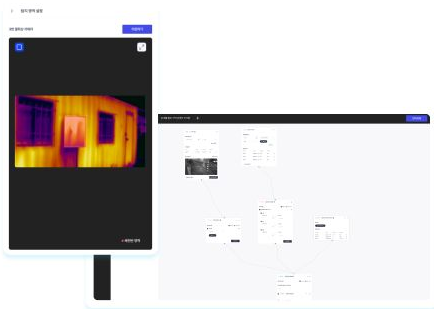# Anywhere, **without AI knowledge!**

With a **simple interface**

Apply AI technology **optimized for the field**

Why Protect Go AI is chosen
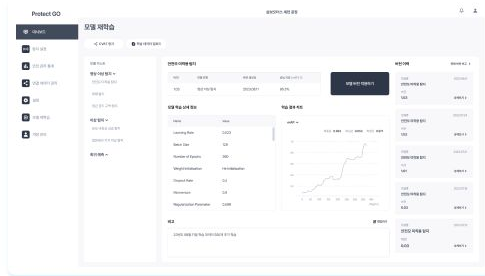
① Node-based detection scenario setup

Individual factories can be accessed with a simple interface operation.
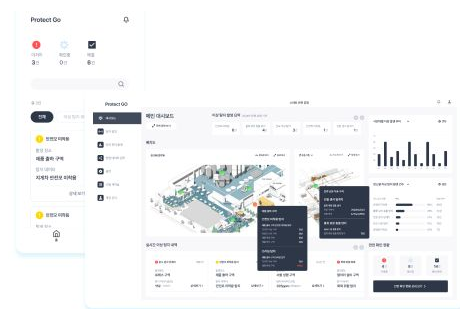Building an optimized smart safety system

② High reusability & extensibility

On-site data through model re-learning function, Easy to expand application area by learning.

③ PC/mobile cross-platform provision

Real-time monitoring and Safety management statistics can be checked

From detection to prevention management

Safety all-in-one solution

Our services

Worker safety

- Monitor safety rules like not wearing protective gear
- Early detection and warnings for collisions, falls, and entrapments
- Prevent casualties by detecting collapses and explosion

Fire detection and prevention

- AI-powered early fire detection, beyond regular sensors
- Predict fire risks using data from thermal cameras and gas sensors
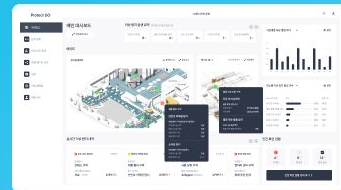- Detect and warn of explosions from sounds abnomal detection

Factory monitoring

- Detect harmful gases and provide smart air quality monitoring
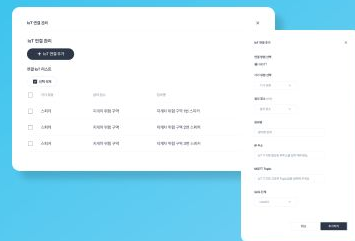- Prevent accidents by detecting equipment failures

Key features

① Dashboard

- Map-based **real-time monitoring**
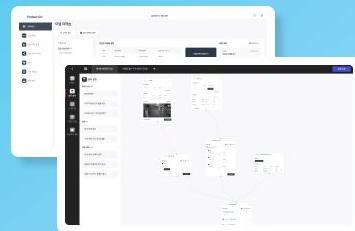- **Overview of** detection data
- **Visualize** anomaly history

② IoT notification and control

- Transmit warnings **via IP speaker**
- **Control equipment** via MES system
- **Link IoT devices** like warning lights

③ Detection and model optimization

- **Offers a customized** node-based detection interface **optimized for the site**
- **Retrain the model** with **field data** and apply **customized AI** detection.

Use Case

Leveraging years of AI solution experience,
we use our platform to solve field problems.

Sambo Motors

Implemented a safety system for fire prediction, safety regulation compliance monitoring.

31%

*accident reduction rate

Lotte Chemical

Prevent accidents from equipment failure by detecting abnormalities and predicting lifespan.

16%

*equipment failure reduction rate

ACI

Safety accident prevention system with worker risk detection and facility control.

83%

*accident prevention rate

Partners & Client

삼보모터스(주)
SAMBO MOtors TOp R&D System

롯데케미칼

HYUNDAI MOBIS

KAIST

daedong

한국원자력연구원
KAERI
Korea Atomic Energy Research Institute

성남시
Seongnam City

BK bio
The green innovator

safety system created with **my own hands**

AI safety management solution

Protect Go AI

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