ANAVISION 4S PRODUCT

4S represents smart site safety system targeting at creating a safer construction environment. Our in house development AI-based construction site safety issue detection system embodies the core value of 4S, handles multiple CCTV camera feeds simultaneously, providing a real-time visualization across the entire construction site. Alert report system provides site managers with necessary information to take targeted intervention. Integrating with existing infrastructure and workflows enhance the overall effectiveness of the monitoring system.

FUNCTION OVERVIEW

SMART — AI monitors sites with optimal targets and save time for site visits

SITE — Allow real-time visualization of on-site working condition

SAFETY — Remote alert prepares for prompt responses to hazards

SYSTEM — Leverage existing video cameras with customized software for easy use

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Best Partner Guards Your Site Safety
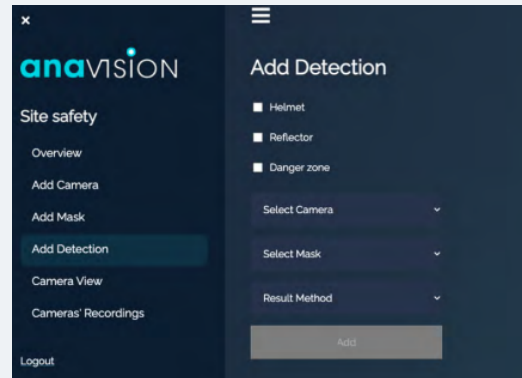
Smart Site Safety System

WHY ANAVISION

01 **Missing Helmet/PPE Detection**
Algorithm was trained to recognize safety equipment compliance from on-site video streams

02 **Danger Zone Alert**
Scan for hazards based on the predefined danger zone (can be polygon) alongside report alert function

03 **People counting**
Generate real-time alert when worker count falls short the predefined thresholds for interventions

04 **Helmet color detection**
Detect specific helmet color for qualified access to specific areas

05 **Crane Hook Lowering**
Continuously monitor crane hook's position and speed alongside alert report once detect danger

06 **Crane Hook Safety Zone**
Accurately track and identify the presence of workers beneath the crane hook for safety control

07 **Loading/Unloading Area Access**
Monitor the access to loading/unloading areas by detection of UHF RFID tag on helmets alongside alert report once detect no predefined signs

Moving Parts over Labors

Wearing of Safety Belt

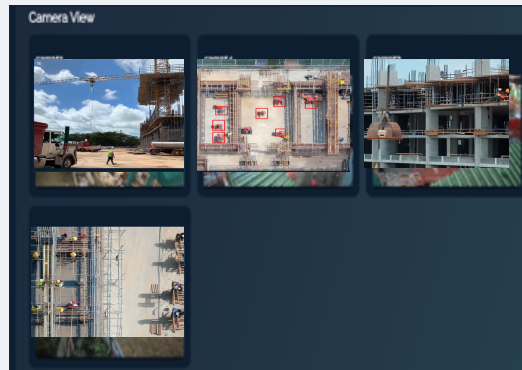Potential Fire and parts dropping

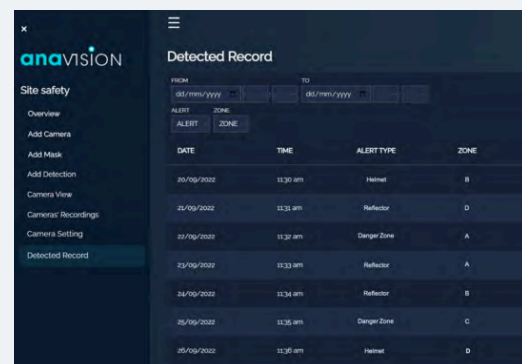Helmet &PPE Vest

UNIFIED USER INTERFACE

- Easily add and/or remove new camera and video streaming for SSSS detection with customizable detection features

- Video page for monitoring anywhere

- Record page for issue review and reporting

OUR ACHIEVEMENT

Anavision won the ICT Startup Silver Award of HKICT 2022 by smart crane tower solution

Smart Site Safety System is included in CITF Pre-Approved List

ABOUT ANAVISION

Founded in 2019, Anavision is a Hong Kong-based technology company with leading solutions in computer vision, remote sensing and machine learning. We create strategic data solutions across industries, including but not limited to forestry, construction and infrastructure.