



PPE DETECTION

24/7 Monitoring



SLIP & FALL DETECTION

24/7 Monitoring



HAZEROUS ZONE

24/7 Monitoring



Health & Safety

A BI3 PACKAGE

Streamline Health & Safety
Compliance with Technology

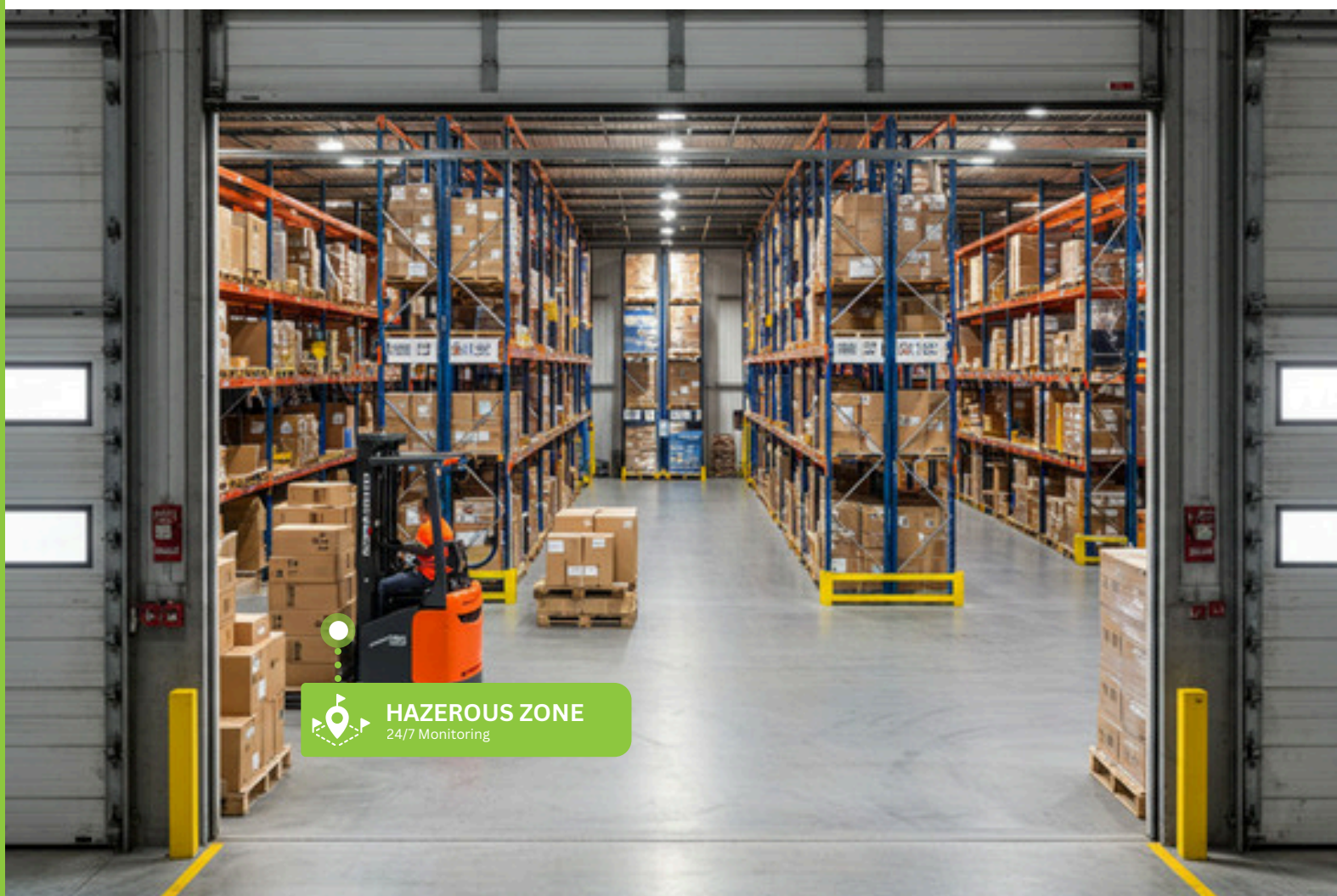
ABOUT BI3

Bi3 are experts in Human, Vehicle, and Object detection. Founded in 2009, Bi3 has over 16 years of experience in the industry, providing forward-looking video analytics technologies as early adopters of AI technology being used to gain improved security, operational intelligence, risk mitigation, and more.

Bi3 is seen as an expert in the field of AI in video analytics, from detecting humans, vehicles, and objects navigating the complex field with solutions customisable to your environment.

WHY BI3?

- **Built for Safety:** Designed to tackle real-world Health and Safety risks with precision.
- **Plug & Play Integration:** Works with existing CCTV systems, no need for costly upgrades.
- **Instant Alerts:** Real-time detection and response to incidents as they happen.
- **Scalable & Flexible:** Easily deploy across one or many sites, tailored to your needs.
- **Expert Support:** UK-based team offering responsive, hands-on assistance.
- **Trusted Experience:** Proven track record in intelligent monitoring and analytics.





ABOUT THE HEALTH & SAFETY PACKAGE

The BI Health & Safety Package is a streamlined combination of three essential safety analytics solutions, integrated into a unified platform. Its purpose is to empower employers with **clear, actionable data** and an unparalleled understanding of on-site safety policies.

This package helps businesses gain deeper insights into **safety performance, enforce compliance effectively**, and ultimately protect both employees and the organisation. By providing clarity and control, supporting a proactive approach to workplace safety.

SAFER EMPLOYEES, SAFER BUSINESS

- **Detect incidents in real time**, enabling swift response and resolution.
- **Uncover patterns and trends** in safety violations through continuous monitoring and analysis.

A SUBSCRIPTION MODEL

The Bi3 H&S Package functions on a subscription model, which facilitates a **lower initial cost** for system implementation for both independent filling station operators and large-scale national operators.

This subscription approach shifts costs from capital expenditures (CapEx) to operating expenses (OpEx) a common preference for organisational expenditure.

ENHANCE YOUR EXISTING CCTV INFRASTRUCTURE WITH BI



H&S PACKAGE CONTENTS



PPE DETECTION

Identify PPE Non Compliance. Trigger alerts and generate reports of No PPE, Wrong PPE or incorrectly worn PPE such as:

- Hard Hats
- High Visibility Vests
- Protective Gloves (Camera Position Dependent)
- Glasses (Camera Position Dependent)



SLIP & FALL DETECTION

Monitor Employees, visitors and protect your business by identifying and alerting when a person falls and is unable to get up. Alert immediately when an incident occurs and generate ongoing Health and Safety reports of incidents. Use data to Mitigate risk, improve safety and identify areas where safety improvements can be made.



HAZARDOUS AREA

Monitor hazardous zones for key safety concerns such as walkways near moving vehicles, individuals entering unsafe areas or displaying unusual behaviour, and high-risk points such as edges or other safety-critical locations requiring closer observation.

OPTIONAL FEATURE



NEAR MISS DETECTION

Monitor critical safety zones for incidents of 'Near-Miss' incidents between people and vehicles. Trigger alerts for immediate action or export an incident report for ongoing H&S monitoring. As an add-on feature an increase in hardware spec is required.



BENEFITS

REAL-TIME INCIDENT DETECTION

- Instantly identify breaches of safety protocols and respond quickly to reduce risk.
- Enable rapid intervention to minimise injury severity and operational disruption.

RISK REDUCTION & PREVENTION

- Proactively monitor high-risk areas to prevent accidents before they occur.
- Reduce liability and insurance claims by demonstrating robust safety measures.

ENHANCED COMPLIANCE

- Automate health and safety monitoring across your sites to support compliance with regulations.
- Generate audit-ready reports that simplify inspections and reduce administrative burden.

ACTIONABLE DATA & INSIGHTS

- Analyse trends in safety performance to identify recurring issues and improve processes.
- Use data-driven insights to inform strategic decisions and strengthen safety culture.

SCALABLE & COST-EFFECTIVE

- Easily deploy across multiple sites using existing CCTV systems, minimising installation costs.
- Adaptable to various environments, from construction sites to manufacturing facilities and public spaces.



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MORE SOLUTIONS FROM BI3



HUMAN ANALYTICS

- People Counting
- Occupancy
- Near Miss Detection
- Transit Time
- Dwell Time
- Queue Time
- Behaviour Detections



VEHICLE ANALYTICS

- Vehicle Counting
- Traffic Congestion
- Traffic Light Compliance
- Wrong Way Detection
- Speed Detection
- Stopped Vehicle Detection
- Car Park Management Solutions
- Logistic Hub Management
- Tailgating and Barrier access



OBJECT ANALYTICS

- Custom Object Detection
- Left Object
- Removed Object
- Vape Detection
- Electronic Device Detection
- Early Fire Detection



SECURITY

- CPNI perimeter Security Detection
- Thermal Imaging
- ALPR
- Pinnacle Systems



HEALTH & SAFETY

- PPE Detection
- Slip & Fall Detection
- Hazardous Zone Monitoring
- Human/Vehicle Near Miss Detection



BI3 DASHBOARDS

Custom-Built Agnostic Data Dashboards. Powered by Data Engine. Design your dashboard to aggregate both new and existing data from appliances, cameras, and more into a single pane-of-glass solution.





Experts in Human, Vehicle
and Object Detection



Business Insight³

Business Intelligence

FOR FURTHER INFORMATION



01772 330 777



INFO@BI3.CO.UK



WWW.BI3.CO.UK



"Experts in Human, Vehicle and Object Detection"

Business Insight 3 Ltd, Preston Technology Centre, Marsh Lane, Preston, PR1 8UQ

01772 330 777 Email: info@bi3.co.uk Website: www.bi3.co.uk

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