

**DELIVERING
SAFER
WORKPLACES**



SAFETY SOLUTIONS DESIGNED AROUND YOUR SITE

WSS supports manufacturing and logistics operations across the UK and Europe with integrated Active and Passive safety systems. Global brands trust WSS to deliver consistent standards, dependable implementation, and measurable improvements on-site

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OUR PARTNERS & POWERED BY

COMPREHENSIVE ALL-IN-ONE SOLUTIONS AND SITE-SPECIFIC RECOMMENDATIONS

With over 3 decades of experience, our team of safety experts are dedicated to providing innovative solutions that not only increase safety awareness but also help to prevent incidents and injuries.

Our goal is to help businesses create a safer and more secure work environment for their employees and assets. By partnering with us, businesses can benefit from our expertise in innovative safety solutions and ultimately greater protect valuable assets.



WE GET YOUR WORLD

Busy sites run at pace, and the risk picture can shift hour by hour. People, MHE, visitors, contractors, moving loads and changing layouts are all sharing the same footprint. When sightlines are limited and behaviours vary, near misses stop feeling like exceptions — they become part of the routine.

THE CHALLENGES WE SOLVE EVERY WEEK



Tailored, Not Template:

Every site has unique pinch points. Off the shelf safety rarely fits the way the operation really runs.



MHE & Pedestrian Conflict:

Shared-use areas, blind corners and crossings create live risk when routes are unclear or space is tight.



Hard To Standardise:

Multi-site teams struggle to keep layouts, signage and rules consistent as sites evolve.



Low Engagement & Sign Fatigue:

When markings fade and signage blends in, people stop noticing.



Old Sites, New Risks:

Legacy layouts were not built for modern volumes, mixed traffic and space pressure.



Reactive Mode:

Near misses get logged, but the risk stays in place until something forces change.



Embracing New Technology:

AI, sensors and automation are often discussed but rarely applied properly to real risk zones.



Inaction Costs More:

Delays create disruption, damage, audit pressure and avoidable incidents.

“Safety isn’t built from products—it’s built from understanding risk.”



DESIGNED TO MEET YOUR CHALLENGES... DELIVERED BY WSS

WSS helps manufacturers and logistics operators reduce risk and prevent accidents through site-specific safety systems. We deliver both **Active and Passive safety solutions**, designed to fit the layout, the flow and the real behaviour on your site. We are not a one-size-fits-all supplier. We assess each environment, identify what is driving risk, then design and deliver an integrated solution that makes safety simple to follow and easier to maintain.

WHAT WE DELIVER



Risk Reduction For People & Vehicles:

Pedestrian and MHE segregation, visibility at conflict points, safer crossings and controlled access.



Asset Protection & Operational Continuity:

Reduced damage to racking, walls, doors and infrastructure. Fewer disruptions and repairs.



A Compliant Working Environment:

Practical, auditable improvements that support safety standards without slowing the operation.

WHAT SETS US APART

- We own the outcome, not just the equipment.
- We tell you when something will not work, even if it reduces the order.
- We build phased plans when budgets and downtime are tight.
- We stay involved through delivery and review.



OUR APPROACH IS SAFER METHODOLOGY

SAFER Methodology is our operating method. It is the consistent way we take a customer from risk to a proven outcome. You can start with a single product request or a full site programme. The depth changes. The discipline does not.



Study: We diagnose the real risk and the real constraints. We capture context, workflow, traffic patterns, photos and measurements. No guessing.



Align: We agree priorities, stakeholders, constraints and what success looks like before anything is priced or installed.



Formulate: We turn understanding into a deliverable plan. This is where items become a site-specific system, with clear options and phasing.



Execute: We deliver properly. Controlled installation, clear communication, clean handover and commissioning.



Review: We confirm outcomes, capture feedback and identify what comes next. This is where we become a long-term safety partner.

JOIN AT ANY STAGE



Need One Problem Area Fixed Quickly?



Need A Structured Site Assessment?



Need A Phased Improvement Plan?



Need A Multi-site Standard?



"SAFER Methodology helps ensure the best solution is chosen whichever route you take"

GET IT RIGHT FIRST TIME

Some projects start with a quick visit. Others need deeper evidence to align stakeholders and avoid rework. We scale the front end based on the risk and the decisions you need to make.

DIGISCAN360° DIGITAL SCAN SURVEY

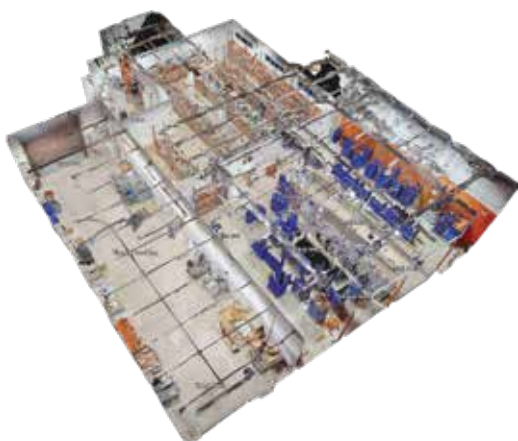
DigiScan360° creates a high-resolution digital twin of your site, allowing precise measurement and faster decision-making with minimal disruption. It also helps multi-site teams collaborate remotely and agree improvements without repeat visits.

Best For:

- Complex layouts and multiple risk zones
- Multi-stakeholder sign-off
- Multi-site scoring and rollout planning
- Faster quotation and installation planning
- Ongoing Asset & Risk Management
- Safer way to do tours and inductions
- Long term safety improvements or maintenance programs

Optional Add-ons:

- Site safety audits and structured reporting
- Scoring to prioritise investment across multiple sites



THIS IS THE POWER
OF THE **DigiScan360°**
DIGITAL TWIN IMMERSIVE 3D SITE SURVEYS



PASSIVE SAFETY

FIXED SAFETY MEASURES THAT CREATE STRUCTURE AND REDUCE EXPOSURE

Passive safety is the foundation. These are the systems that do not change in response to live events, but they shape behaviour, protect people and protect assets every day.

COMMON PASSIVE SAFETY SYSTEMS:

Line Marking and Floor Layouts

- Walkways, crossings, zones, yards, internal routes and high-wear markings



Barriers and Physical Protection

- Pedestrian protection, vehicle protection, rack and column protection, controlled walkways



Dock and Loading Bay Protection

- Fixed protection where the risk is consistent



Floor Coatings and Surface Repair

- Because safety systems fail when the surface fails



Please Note: This is a snapshot. Our full offer is wider, and every system is designed around the site risk, not a product list.



ACTIVE SAFETY

AUTOMATION THAT RESPONDS TO WHAT IS HAPPENING IN THE MOMENT

Active safety adds a live layer of control. It warns, triggers, restricts or automates based on what is happening in real time. It is built for shared-use areas, blind spots and high-risk interaction points.

COMMON ACTIVE SAFETY SYSTEMS:

Blind Spot Warning

- Triggered projected warnings at crossings, doors and blind corners



Automatic Pedestrian Gate Systems

- Sensor-linked alerts and control logic



Anti Collision Systems

- Automated gates and barriers for controlled access



Dock Loading Safety

- Dock safety systems including truck restraint systems



Traffic Flow Controls

- Forklift control systems such as zoning, proximity alerts



Most sites need a mix of passive structure and active response. We design the right combination for your operation.

ADVANCED DETECTION UTILISING AI

SAIFI - SAFETY AI FOR INDUSTRY SAIFI

Intelligent safety that works with you, not instead of you.

SAIFI is a vision-based AI safety system designed to add a powerful, intelligent layer of protection across industrial environments.

Crucially, SAIFI does not replace people or existing safety measures. Instead, it acts as a force multiplier, reinforcing engineering and administrative controls while keeping human oversight firmly in place.

Enhance your existing safety measures by reinforcing them with adaptive logic and fast, reliable triggers: barriers, gates, projected warnings, and alerts.

Advanced Detection & AI That Makes Static Safety Responsive

Most industrial safety controls are static. SAIFI adds a vision-based detection layer that monitors defined risk zones and triggers protective actions in real time.

It strengthens existing controls and is configured around your site risk.



HOW SAIFI WORKS

By connecting cameras, intelligent processing, and adaptive control logic, SAIFI transforms static safety infrastructure into a living, responsive system.

1

Observe

Cameras monitor zones, hazards, and site activity in real time.

2

Detect

Vision AI detects vehicles, pedestrians, PPE, and site-specific hazards across one or many zones.

3

Decide

Adaptive, site-specific logic applies your rules and checks scenarios to prevent unsafe transitions.

4

Act

Triggers barriers, gates, projected warnings, alarms, alerts, and system actions as required.

FITS SEAMLESSLY INTO YOUR OPERATION

No disruption. No rip-and-replace.

Integrates Easily

Gates, barriers, lighting, projections, alarms and access control.

Works With What You Have

Runs alongside existing safety systems, no rip-and-replace.

Flexible Deployment

Online, offline, or hybrid configurations.

Scales With You

From single sites to complex, multi-zone facilities.

RELIABLE STATE-MANAGED LOGIC

Our state of the art machine architecture ensures predictable control of pedestrian and vehicle safety zones. By monitoring vehicle entry/exit, pedestrian presence, and barrier status, SAIPI prevents unsafe transitions and maintains strict segregation in complex, high-traffic environments.

Designed For Predictable Behaviour

- ✓ Clear state transitions and rigorous scenario checking
- ✓ Prevents unsafe zone changes and barrier states
- ✓ Designed for dependable operation in mixed-traffic areas

AREA OF USE

- ✓ **PPE Detection:**
Authorising entry to work areas
- ✓ **Warning Alerts:**
Detection of forklift and pedestrians in the same zone
- ✓ **Zone Entry Control:**
Works with auto gates to allow entry for specific equipment
- ✓ **Workplace Safety Monitoring:**
Analysis of specific work zones
- ✓ **Complex Layered Logic:**
Excellent for pedestrian and equipment crossings

ENGINEERED FOR SCALE, COMPLIANCE, AND TRUST

SAIFI protects both people and data, delivering confidence at every level.

Designed For Scale & Longevity

- ✓ Clear state transitions and rigorous scenario checking
- ✓ Prevents unsafe zone changes and barrier states
- ✓ Designed for dependable operation in mixed-traffic areas

Security By Design

- ✓ Encrypted data flows
- ✓ Hardened hardware
- ✓ Embedded cyber security controls
- ✓ Proactive monitoring & updates

Compliance Built In

- ✓ Benchmarked against the EU AI Act (high-risk AI)
- ✓ GDPR & UK Data Protection aligned
- ✓ UKCA / CE compliant hardware
- ✓ Modelled on ISO governance & risk standards

A Force Multiplier For Safety Culture

- ✓ Enhances existing safety controls
- ✓ Reinforces training, procedures & PPE compliance
- ✓ Turns static rules into adaptive protection



SCAN FOR MORE **CASE STUDIES & VIDEOS...**

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