

# Six key factors to consider when choosing a pedestrian detection system for your workplace.

## 1. What to detect

### Detect Anything or Detect What Matters?

Radar systems that alert to any object - whether it's a wall, pallet, or post, can overwhelm operators with constant, irrelevant warnings. This leads to frustration, alert fatigue, and the risk of critical alerts being ignored when it really counts.

Selective detection systems, on the other hand, focus only on what matters - like identifying people, ensuring that alerts are timely, relevant, and taken seriously.

**If protecting people is your priority, a selective detection system isn't just preferable - it's essential.**



**The SEEN Safety System provides selective detection of people and marked assets, ensuring alerts are relevant, accurate, and actionable.**

## 2. How to detect

### Electronic Tags, AI Cameras, or SEEN IRIS? What's the Best Fit?

There's no one-size-fits-all answer - each detection technology has its strengths and trade-offs. The key is choosing the right tool for your environment and risk profile.

#### Electronic Tags

Highly reliable and proven, but each person must wear a battery-powered tag, which can be difficult to manage at scale. Implementation costs and maintenance demands are high.

#### AI Human-Form Detection Cameras

No tags required, but as passive systems, their performance can drop in real-world conditions - dust, glare, poor lighting, or visual obstructions can all impair accuracy. These systems also tend to be relatively expensive.

#### SEEN IRIS Technology

A simple, effective alternative that uses the reflective tape already present on high-vis PPE. It offers precise, real-time detection in a wide range of conditions without the need for tags. The only requirement? Everyone must wear standard high-vis clothing - something most sites already do.



**The SEEN Safety System delivers the reliability of an active detection system, without the need for tags, by using the retro-reflective tape already found on standard high-vis PPE.**



### 3. Where to detect

#### 360° coverage or focused protection?

While 360° detection may sound ideal, in practice it often leads to over-alerting, causing operator fatigue, disengagement, and ultimately reducing overall safety. In contrast, targeted detection systems that focus on high-risk zones provide relevant, timely alerts that support safety without disrupting productivity.



**The SEEN Safety System focuses on critical risk zones, delivering timely and relevant alerts.**

### 4. Operational considerations

Rolling out new technology across a fleet isn't always straightforward. To ensure a smooth implementation, it's essential to consider the practical details upfront, such as:

- **Installation time** – How long will it take to get each machine up and running?
- **Compatibility** – Can the system be retrofitted to existing equipment, or is it only suitable for new machines?
- **Flexibility** – Does it work across all the brands and vehicle types in your fleet?
- **Maintenance** – What level of ongoing support or upkeep is required?
- **Scalability** – Is it cost-effective enough for fleet-wide adoption?



**The SEEN Safety System is compatible with any forklift and cost-effective enough to be deployed across your entire fleet.**

### 5. Actionable Data

Can the system capture and securely upload objective evidence of high-risk events, enabling you to proactively identify and address unsafe operations and behaviors?



**SEEN Insight delivers direct visual evidence of near-miss incidents.**

### 6. Versatility

When evaluating a pedestrian detection system, consider whether it's compatible with all the brands and types of MHE in your fleet. Can it be retrofitted to existing equipment, or is it only available on new machines? And if your fleet changes in the future, can the system be easily transferred? OEM-specific systems often come with limitations, so choosing an independent, flexible solution can offer greater long-term value and adaptability.



**The SEEN Safety System is compatible with all makes and models of MHE, ensuring seamless integration across your entire fleet.**

