

Introducing Slamcore Alert

In today's high-throughput warehouses, where lift trucks, pedestrians, and automation frequently intersect, improving driver awareness has become a critical part of running safe and reliable operations. With thousands of daily interactions between people and industrial vehicles, even the most experienced operators can suffer from fatigue, cognitive overload, and visual blind spots. This is where technologies that enhance how drivers perceive their surroundings are beginning to transform facility performance.

Slamcore, known for its revolutionary RTLS product, Slamcore Aware, is now applying this same technology to enhance driver awareness with Slamcore Alert. Designed to work seamlessly with Slamcore Aware devices already installed on trucks, Slamcore Alert is a new add-on bundle that enables smart alerts, via real-time audio-visual cues, that help operators stay aware of pedestrians around the vehicle - especially in busy, noisy, or fast-moving environments.

The industry challenge is clear. Around 36% of forklift-related fatalities involve pedestrians, and between 35,000 and 62,000 injuries each year involve forklifts. Beyond human impact, facilities face major financial consequences: smaller operations often see \$30,000-\$40,000 annually in repair costs caused by collisions, while large sites can exceed \$100,000-\$300,000. Add to that an average of \$41,000 workers' compensation claim, it's no surprise that warehouses are seeking solutions that help operators stay alert, responsive, and confident.

Slamcore Alert addresses this need with a highly trained AI that not only detects pedestrians around the vehicle but also understands where the truck is in real time. By combining pedestrian detection with precise vehicle localization, the system can generate far more sensible, context-aware alerts - dramatically reducing false positives that would otherwise desensitize drivers. When a pedestrian genuinely enters the alert zone, the system triggers clear audio-visual indicators, either through Slamcore's ready-to-deploy beacons or other compatible accessories. The goal is simple: ensure operators receive timely, intuitive cues that keep them aware of what's happening around them without overwhelming them with unnecessary warnings.

Because Slamcore Alert draws on the same centralized data platform as Slamcore Aware, operators and managers gain access to detailed event analytics, including timestamped and localized alert occurrences and pedestrian-vehicle proximity reports. When combined with Slamcore's RTLS capabilities, facilities can analyze movement patterns, refine workflows, and even identify areas or time periods with frequent alerts. This insight enables improvements to facility layout or shift patterns to reduce unnecessary people-to-vehicle interactions and create a safer, more efficient environment.

Slamcore Alert installs easily as an aftermarket enhancement for Slamcore Aware requiring minimal infrastructure - offering a unified multi-purpose system with a single source of data, rather than multiple fragmented solutions. For warehouses looking to reduce disruptions, improve safety, and support operators with clearer surrounding awareness, Slamcore Alert delivers a practical, scalable step forward.