

Enable dynamic, location-based operator alerts

Use Case

Safety

Problem

Forklift operators within a facility must adapt their behavior based on their location, adhering to specific safety requirements such as maximum speed limits, load height whilst in motion, or following directional aisle traffic requirements. These zones can be either fixed or frequently changing. **While signage and training provide guidance, mistakes still occur**, leading to accidents and near misses.



Solution

Slamcore Aware continuously tracks the location of each forklift. When this data is connected to a fleet management system **customized messages can be sent** to operators when they enter specific zones. These messages, which could be delivered as on-screen alerts or audible notifications, can **inform operators of a required speed and potential risk** within their area. Coupled with the right fleet manager, zones and messages can be changed dynamically, ensuring real-time updates that lead to a reduction of safety incidents.



Slamcore Aware is a robust, vision-based Real Time Location System (RTLS) for forklifts and other manually driven vehicles. It combines state-of-the-art visual-inertial SLAM and AI technology to provide a foundation for intelligent positioning and situational awareness without the need for expensive infrastructure to be installed in the facility. By integrating with Warehouse/Fleet Management Systems, *Slamcore Aware* enables monitoring, analysis and optimization of facilities' operations.