

# Gain insights into unexplained infrastructure damage

Use Case

Safety

## Problem

Forklift **sensors can detect** the occurrence and intensity of a **collision**, along with the exact time it happened. However, facility operators are **unable to pinpoint the precise location** within the facility where the collision occurred. This lack of location-specific data hampers timely inspections and repairs of physical infrastructure and vehicles that might have been damaged.



## Solution

*Slamcore Aware* equips forklifts with a real-time location system (RTLS). Historical **location data can be cross-referenced** with the time a crash is detected, to allow facility operators **to know exactly where the incident occurred**. Health and safety engineers can now be swiftly deployed to inspect the collision site for damage, ensuring prompt maintenance, minimizing operational disruptions and improving safety for all in the facility.



*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.