

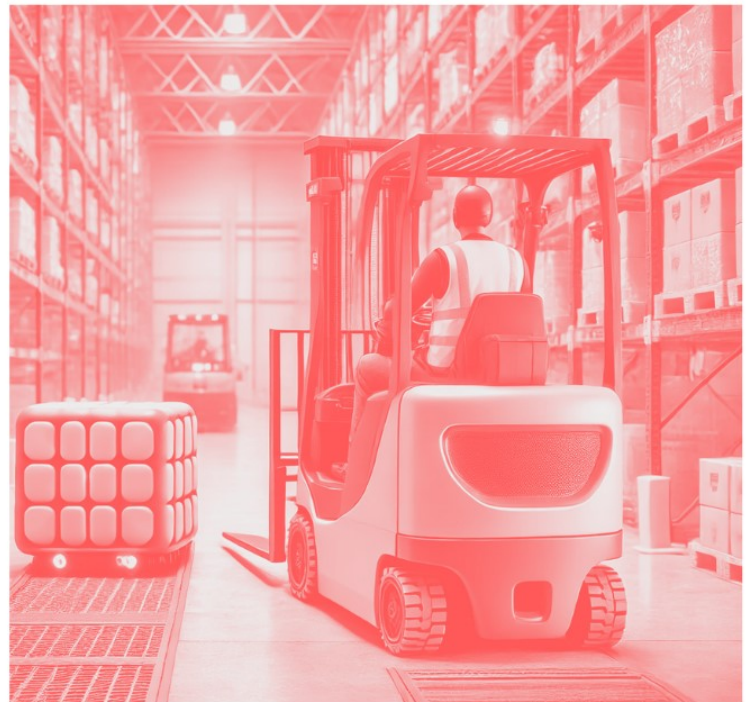
# Create harmony between manual & autonomous vehicles

Use Case

Fleet Management

## Problem

In facilities where autonomous robots operate alongside manual drivers, the lower speed of the robots often causes **delays for the faster-moving manual drivers**. Robots frequently obstruct the paths of manual drivers, leading to delays and inefficiencies.



## Solution

With [Slamcore Aware](#), the location of manual drivers is continuously tracked. This information allows a central fleet manager to **dynamically adjust the paths of autonomous robots**, ensuring they do not obstruct manual drivers. Robots can be instructed to stop, pull aside, or alter their routes to minimize interference, thereby improving overall efficiency and reducing driver delays.



*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.