

# Understand the full picture behind load delays

Use Case

Analytics

## Problem

Efficient pallet transportation within large facilities is critical for operational success. However, there are instances where forklift operators experience significant delays in loading and unloading pallets. Currently, **Operations Managers** can identify that a job took longer than expected but **lack the insights to understand the root cause of delays**. This prevents Operations from effectively implementing solutions and streamlining processes.



## Solution

*Slamcore Aware* addresses this challenge by tracking the entire journey of the forklift. When our RTLS data is integrated with a WMS/FMS, **significant route deviations and unusually long delays can be automatically detected**. It empowers Operations Managers with detailed insights to understand the operator's journey, including the exact location of the operator when assigned the job, the path they took and what obstacles they encountered en route. This analysis could reveal delays caused by long detours due to congestion or difficulties in locating goods upon arrival. By providing these actionable insights, Managers can **proactively address and prevent future delays**, increasing operational efficiency.



*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.