SLIP ROBOTICS | Valeo

DOCK AUTOMATION SIMPLIFIED: HOW VALEO ACHIEVED 6X SPEED

Imagine reducing your truck loading and unloading times from 30 minutes to just 5.

For Valeo, a leading automotive parts manufacturer, this was not just a goal but a necessity to keep up with industry demands. They needed a solution that would not only optimize material flow but also seamlessly integrate into their existing operations without causing disruptions. Slip Robotics delivered this by providing a user-friendly, turnkey automation system that allowed their team to start reaping the benefits immediately.

KEY RESULTS

6X Faster Loading & Unloading

Consistent, faster speed unblocked the dock & unlocked new material flows

Reduced Transportation Waste

Fewer overall product touches resulted in less forklift traffic around the dock

Zero Forklifts in Trailers

Enhanced safety at the dock and optimized labor utilization





> **Slip Robotics makes our lives easier and proves that automation doesn't have to be difficult. It's the real deal.**

LOU D'ALLURA | Productivity Manager

CHALLENGE

Valeo operates in the highly demanding automotive industry, where timely delivery of parts is critical. A comprehensive supply chain analysis revealed significant transportation waste, particularly at the dock. The repetitive handling of parts between production and storage was a major bottleneck, leading to excessive time and energy spent on loading and unloading trucks.

Faced with the challenge of speeding up truck turnaround times, Valeo needed a solution that could handle high volumes efficiently without disrupting their operations. Traditional methods, involving forklifts and multiple touches, were no longer sufficient to meet their growing demands.

SOLUTION

Slip Robotics initially deployed 26 SlipBots at Valeo's facilities, directly addressing their bottleneck issues. The SlipBots were integrated at the end of production lines, where associates load product directly onto the bots. Once filled, operators use SlipBots to autonomously transport the products onto trailers, which are then shipped to an offsite warehouse. By utilizing a continuous flow, SlipBots from the offsite warehouse are flowing back to the assembly line, further streamlining the operation.

BENEFITS

- **Flexibility:** SlipBots enable operations to change flows any given time on any day
- **Rapid ROI:** The investment in SlipBots paid off in just seven months
- **Ease of Use:** Deployment & training in days enabled immediate use week one
- **Hassle-Free Operations:** Maintenance & ongoing updates are included in RaaS model





It took us 30 minutes to load or unload a trailer with forklifts. Now it's five minutes! That increased throughput lets us do up to six trailer moves in the same amount of time and unlocks different material flows.

QUINN SAEVRE | Supply Chain CIM Manager