
SOFTRIDE'S SOLUTION TO FIX BROKEN SUPPLY CHAINS AND MANUFACTURING PROCESSES IN THE COVID-19 PHASE

1. About SoftRide

SoftRide's goal is to transform any type of material handling machinery that operates in logistics areas to drive autonomously – with a plug-and-play retrofit solution. SoftRide's kits are used today for different use cases, including container movers inside ports and material handling inside logistics areas.

2. The effect of COVID-19 on manufacturing and supply chain

COVID-19 has a tremendous effect on the supply-chain, causing significant labor shortages. These shortages and volatility in available labor are a result of sick employees, employees in quarantine, or just employees who are afraid to go to work in a crowded environment.

"We are experiencing huge pressure at terminals because there aren't enough workers at the ports to move the containers around, not enough truck drivers to move the goods, and no one to receive them at the factories or warehouses" Maritime Executive, Maersk CEO Soren Skou

When people think about the benefits of automation, the first two things that they imagine are reduction of labor cost and improvement in efficiency. However, as can be witnessed today, automation is not only an incremental improvement — **it stands as the difference between an active supply-chain and a broken one. It's the difference between a working site and a closed one.**

3. Our solution

SoftRide offers **retrofit autonomy kits that can connect to existing machinery and transform them to drive autonomously**. Our solution is focused on automating material handling activities in geofenced areas. We provide a full hardware suite, as well as the required software that will be installed inside the vehicle and the control room.

4. Implementation process in the COVID-19 days

Today we supply our customers an "autonomy in a box" solution, where we send hardware required for the automation of the machinery and for connecting remotely to the system.

What do we need from our customers for the remote implementation?

- Drive-by-wire system (if there is no such system in the machinery, we come to our customers' site for integration of our external drive-by-wire system)
- A dedicated technical team from the customer side to help with the integration of the system (before sending the equipment and after)
- Comprehensive information about the machinery and the use case (including sketches and pictures of the machinery, videos of the use case, and required KPI's)
- Stable and fast Wi-Fi connectivity

5. Contact us

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