

TEKREX[®]

Case Studies

Autonomous Forklift

A client designed an autonomous forklift that uses artificial intelligence (AI) to navigate warehouses independent of human control.

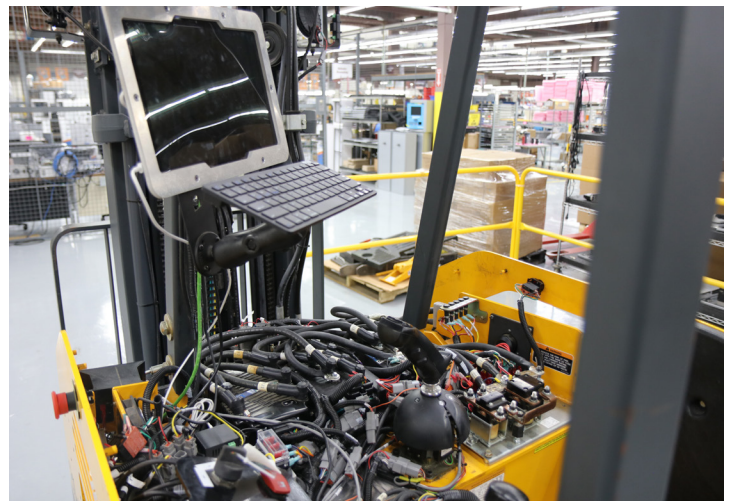
While still in the prototyping phase, the forklift encountered “gremlins” - undiagnosed electrical cabling issues that caused the system to not function as intended.

Challenge

Our Solution

The client took advantage of TekRex’s engineering staffing offerings, and hired our experts to work as electrical design engineers.

We diagnosed the issues and designed schematics and cable harnesses that follow best practices for wiring.



Results



TekRex was hired late into the development process, but was able to solve the problem quickly, allowing the client to maintain their original schedule.



Overall, the client saved money by avoiding the overhead of a full-time electrical engineer on their staff while still getting expert-level care for this issue.