

COLLATING SAFETY AND PRODUCTION DATA AT A LEADING MANUFACTURER

Introducing a new risk management metric through wearable technology

“*I know we’re always trying to improve and be more efficient, but it was really interesting to see this new kind of safety data that showed us something we didn’t know about before.*

If it was up to me we’d have everyone wearing this thing.”

— Site Safety Manager

SITUATION

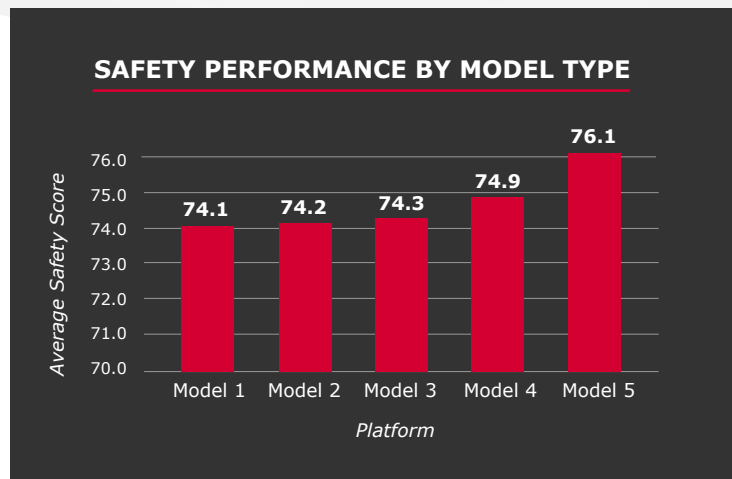
One of the world’s leading manufacturers of home appliances has dozens of facilities in North America alone, with tens of thousands of employees working hard to assemble and produce the everyday products found in homes across America.

With previously optimized routes, work stations, and conveyor lines, the organization was still experiencing work-related injuries. Hungry to find areas within the facility where they could further improve associate safety, they turned to wearable technology.

SOLUTION

Understanding that new technology means new data streams and greater room for improvement, the organization turned to StrongArm’s FUSE Risk Management Platform, implementing a pilot program to uncover the slight differences in safety not just by what area of the assembly line someone was working on, but by the actual product model they were working on in that moment.

By correlating FUSE’s time-series Safety Score data with the client’s time-stamped production run data, we were able to compare the ergonomic safety of different refrigerator models - their marquee product - to the propensity for injury.



SUCCESS

By plugging in FUSE data to existing safety metrics, StrongArm was able to introduce an entirely new type of analysis that this Fortune 100 company’s internal risk assessment processing didn’t previously yield on its own.

Using such actionable results, the client was better equipped to make sound decisions regarding how to staff specific job functions, rotate positions, and schedule differing model production runs accordingly.