



SOTER ANALYTICS HELPS THE TRAVIS PERKINS GROUP REDUCE MANUAL HANDLING INJURIES BY 55%

RESULTS PERIOD: 2019 • LOCATIONS: 38 BRANCHES ACROSS THE UK • EMPLOYEES SERVED: 450

The SoterSpine: a wearable technology solution capturing 8 different types of hazardous movements and consisting of the smallest and lightest safety device on the market with industry-leading battery life. It is accompanied by a mobile app for the worker and an online dashboard for management.

Implementing the SoterSpine solution helped the Travis Perkins Group reduce one of their largest injury problems — Manual Handling Injuries.

The solution provides a shift in manual handling behavioural change by transferring the responsibility to the individuals. Real-time feedback, autonomous learning and self-tracking elicits the increase in awareness required for self-adjustment

CLIENT



Travis Perkins Group is the UK's largest distributor of building materials and prides

itself on 'Keeping People Safe' which is a core value within their health & safety culture.

"The Health and Safety culture at Travis Perkins goes over and above and is one of the best I have been fortunate enough to be part of. They have an incredible reporting culture and employees look out for each other" — Amy Hope, Chief Ergonomist at Soter Analytics.

CHALLENGE



Travis Perkins has recognized the value of prevention for years and it's central to their efforts in reducing manual handling injury risks and costs.

"Using innovative ideas is what we strive to do. Adopting the SoterSpine solution to solve one of the challenges we have within the business and employing this device to help eliminate, reduce and also teach people the right way of doing manual handling has been the perfect marriage" — Vimel Budhdev, Head of Health, Safety and Environment at Travis Perkins Specialist Businesses

RESULTS

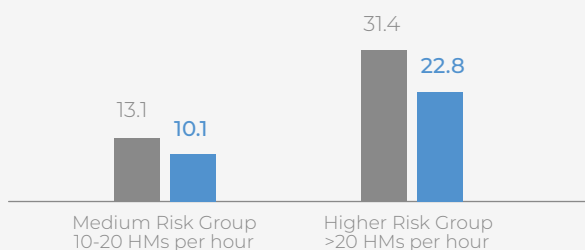
WORKER: Immediate vibration and audible feedback from the device when hazardous ergonomic movements were made, coupled with in-app personalised data tracking and 3-minute microlearning tutorials, created a **heightened awareness** of the movements made for every worker and effectively coached them to reduce the quantity they made, reducing their long-term injury risk.

MANAGEMENT: Insights were made available to management via a web-based dashboard and used for debriefing sessions following the program, encouraging workers to share their experiences and recommendations of alterations to their work, aiding in the large reduction of hazardous movements resulting in a 55% drop in manual handling injuries.

The first longitudinal outcome data of impact of SoterSpine showed a 55% drop in manual handling injuries in 2019.

Hazardous Movement Reduction 2019

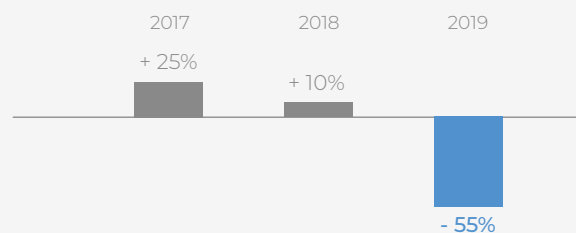
HM Frequency per hour at start and end of program by risk group



"In one simple instance, the device highlighted that one of our colleagues was bending at a low level roughly around 100 times a day so by easily moving some things around we have reduced around 26,000 high-risk bending movements in a year" — Mr Budhdev.

Y/Y Manual Handling Injury Reduction

SoterSpine solution



SCALABLE SOLUTION

The SoterSpine solution was implemented across a very large and diversely located workforce, with workers within branches conducting daily manual handling tasks, including delivery drivers.

"We found the set up really easy, it was pretty much step 1, 2, 3 and the colleagues easily linked the devices to their mobile phones. Tracking their own data created a really positive engagement and during the debriefing sessions the colleagues continually wanted to know more about their results and how they could do things differently". — Mr Budhdev

FUTURE

The collaboration between Soter Analytics and the Travis Perkins Group shows strong evidence for the use of wearable technology and analytics within industry when used by health and safety professionals in collaboration with industrial workers to identify and reduce the risk from workplaces and tasks