

Soter Analytics



# SoterAnalytics

Preventing People from Breaking



# PROBLEM

Ergonomic injuries account for

and are responsible for more than

33%

of all workplace injuries

55%

of injury costs



# END-TO-END ERGONOMIC SOLUTIONS

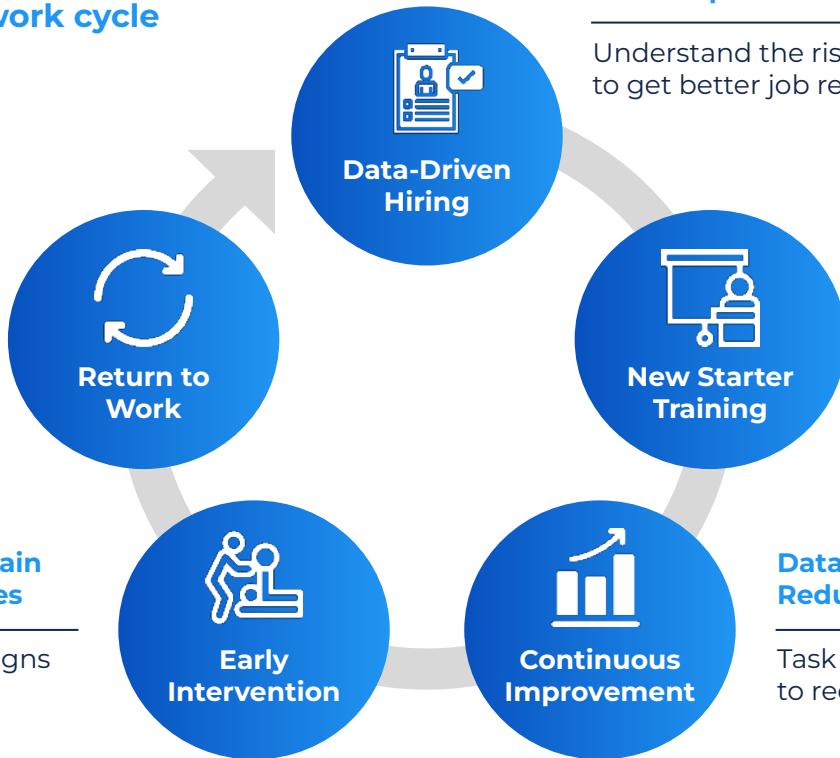
Soter Analytics



Soter suits every stage of the employee work cycle

## Training to Manage a Return to Work & Avoid Re-Injury

Ensure the employee is returning to a safe condition and catch the risk of re-injury



## Data-Driven Job Profiles & Role Requirements

Understand the risks in the task to get better job requirements

Data-Driven Hiring

## Pre-built or Customized Training Programs

Manual handling coaching via the device & app to build good working behavior

New Starter Training

## Data to Measure & Reduce Workplace Risk

Task assessments & risk data to reduce injuries

Continuous Improvement

## Fight the Early Stages of Pain to Avoid Recordable Injuries

Catch an injury at the first signs of a problem

Early Intervention

Return to Work

# DATA-DRIVEN HIRING

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## Data-Driven Job Profiles & Role Requirements

Understand the risks in the task to get better job requirements



Practise a data-driven approach to **hire the most appropriate candidates for heavy lifting & high-demanding jobs**



**Evaluate job-fitting of the current employees** for their suitability for existing tasks & duties



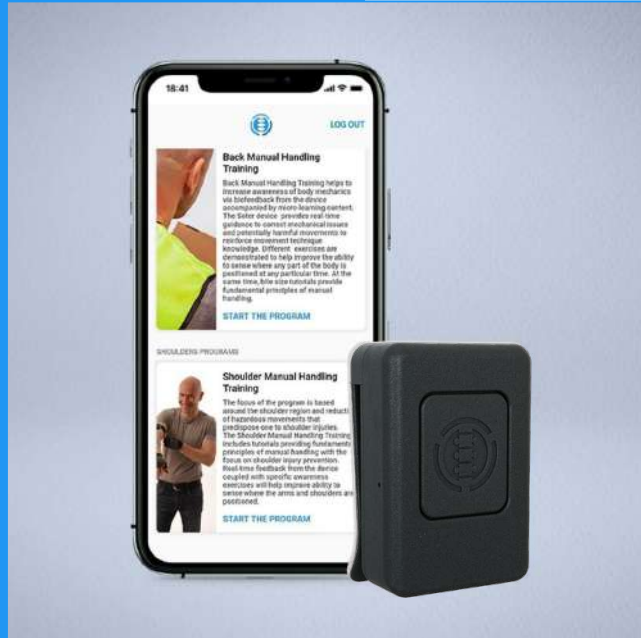
Use job profile **data to develop** the most **effective training programs & ensure** maximum **ergonomic safety from day 1**

## Soter Solution for Data-Driven Hiring



# NEW STARTER TRAINING

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## Pre-built or Customized Training Programs

Manual handling coaching via the device & app to build good working behavior



Gather data on the worker's condition & injury risk in real time in the first weeks of employment



Ensure **good behaviors** are being **established** and **workers** are becoming **conditioned to the task**



Effective on the job manual handling **training is** more **relevant & retained by workers while they work**

Soter Solutions  
for New Starter Training



SoterCoach



# CONTINUOUS IMPROVEMENT

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**Data to Measure & Reduce Workplace Risk**  
Task assessments & risk data to reduce injuries



**Highlight areas of increased risk** within handling operations, site or departmental risk, workflow, specific indicators etc.



**Deploy additional help to workers who need it**, i.e. physio coaching, onsite support, workplace redesign



**Reduce further injuries using** more **comprehensive training programs** which drive positive behavioral changes

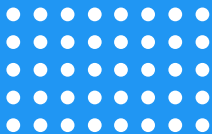
**Soter Solutions  
for Continuous Improvement**



SoterTask



SoterCoach



# EARLY INTERVENTION

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## Fight the Early Stages of Pain to Avoid Recordable Injuries

Catch an injury at the first signs of a problem



Get insights on hazardous movements that cause injuries and retrain them before an injury happens



After a worker reports pain, deploy injury prevention support through the special in-app training program



Provide injured workers with methods to prevent recordable injuries autonomously

## Soter Solutions for Early Intervention



SoterCoach

# RETURN TO WORK

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## Training to Manage a Return-to-Work & Avoid Re-Injury

Ensure the employee is returning to a safe condition and catch the risk of re-injury



**Monitor if employee is fatiguing quickly** or **carrying out high risk tasks** when returning to work



**Supply** a returning-to-work **employee with personalized training programs** for the most effective reintegration



**Collect & share risk data** with therapist or healthcare provider for **immediate intervention if required**

## Soter Solutions for Return to Work



SoterCoach



# SOTER WEARABLES OVERVIEW

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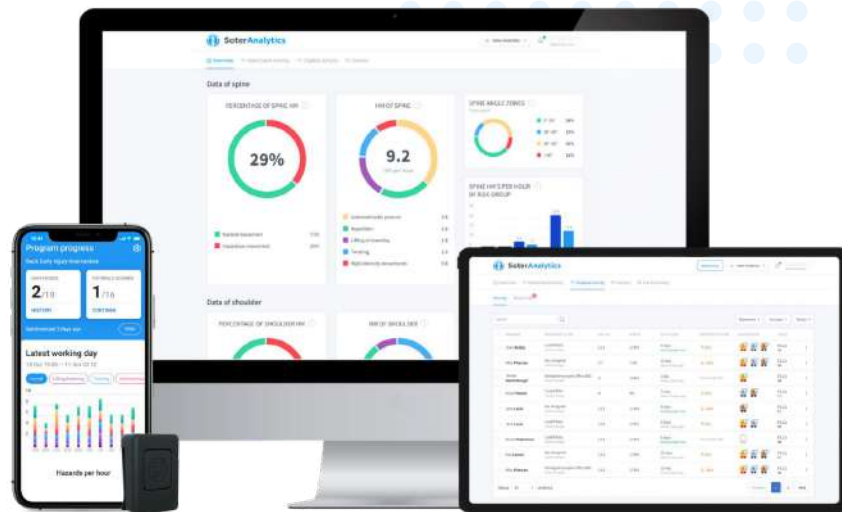
**Soter** has the first **wearable solution & ergonomic coaching program** that **personalizes training** to improve an individual's ergonomic safety



**Soter** delivers **real-time feedback to workers using a wearable device** and provides recommendations through a mobile app



Workers improve their ergonomic safety by reducing the average number of **daily hazardous movements by 30-60%**



# THE SOTER DEVICE



## Soter Wearable Device

Monitors & understands an individual's risk of injury



Device measures & monitors **10 at-risk movements** in real-time



Works **independently from the phone** in the workplace



Provides **real-time feedback** to the worker via audio and haptic feedback



**30+** day battery life  
20 grams, fits any body type



**Back & shoulder** injury prevention coaching programs



**No Wifi** required



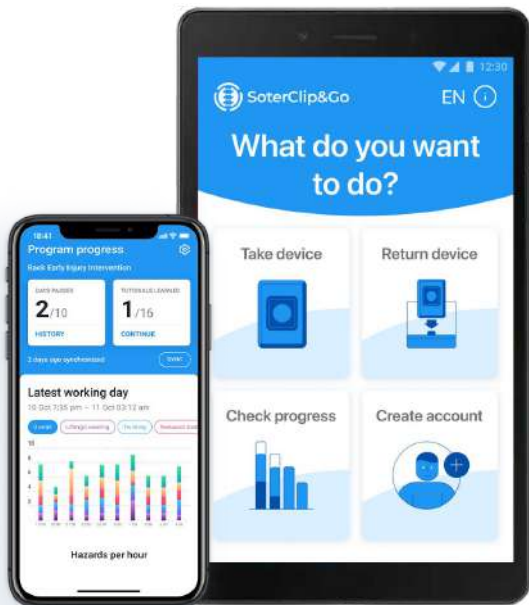
The Device can be worn both on back or/and shoulder



# PERSONALIZED TRAINING & INSIGHTS



Training, personalized to the individual's actual movements & injury risk, is delivered to the worker **via the SoterCoach app or a communal tablet**



**10-day** personalized training program



**Gives bursts** of relevant micro-learning to enable behavioral change



**Worker is in control** of their own learning experience



Engaging **data visuals**

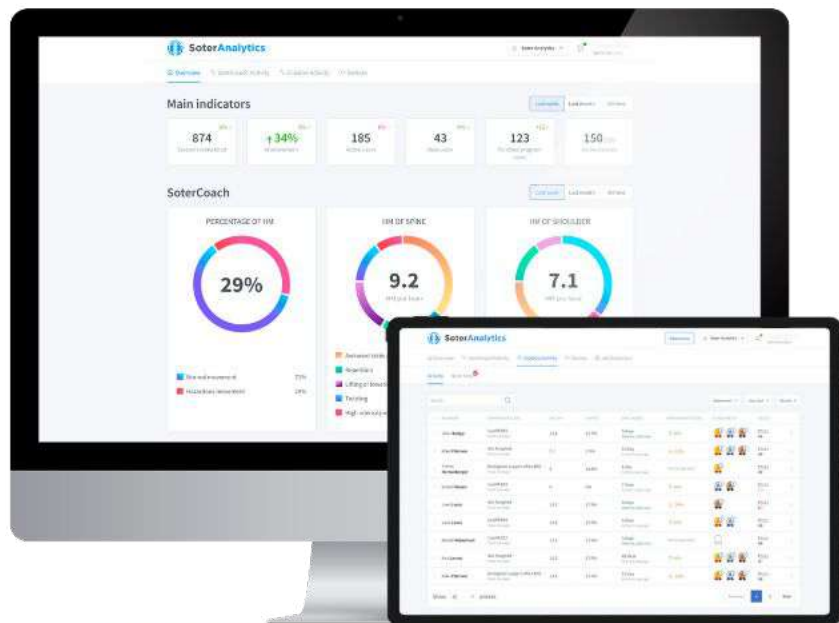


**No connectivity requirement**  
(data downloaded once a day via bluetooth)

# ANALYTICS DASHBOARD



The **dashboard** is the link between the **workers using Soter** & the **organization management**



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Instantaneous data access



Monitor  
Workers' progresses



Access **risks data** through  
Analytics tools



Identify **risks in the workplace**



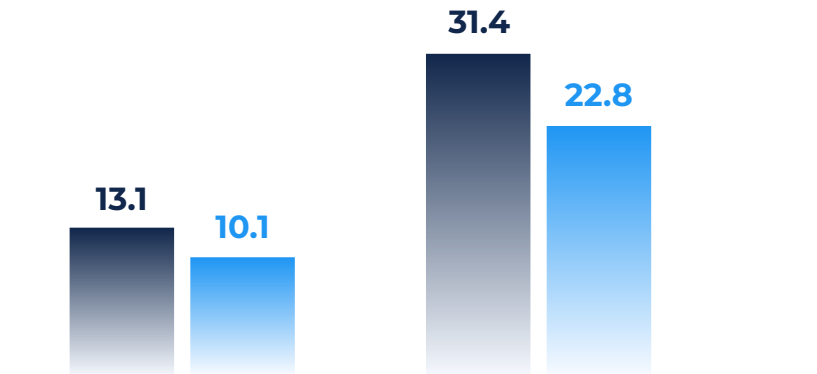
**Compare** risks across workers,  
groups, sites & **generate reports**

# PROVEN RESULTS

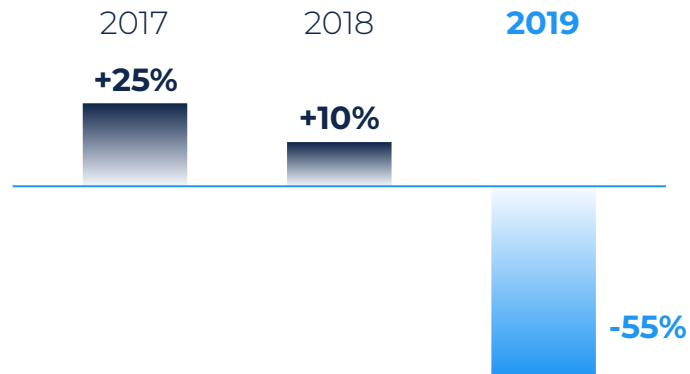


## Hazardous Movement Reduction 2019

HMs Frequency per hour at start & end of program by risk group



## Y/Y Manual Handling Injury Change



Soter Analytics helps UK's largest building merchant to reduce manual handling injuries by 55%

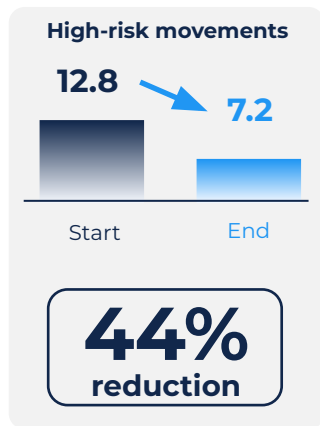
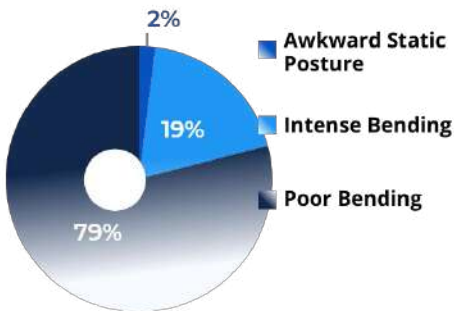


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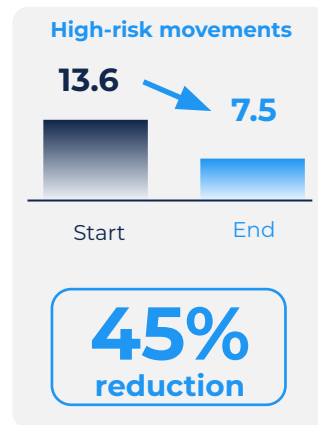
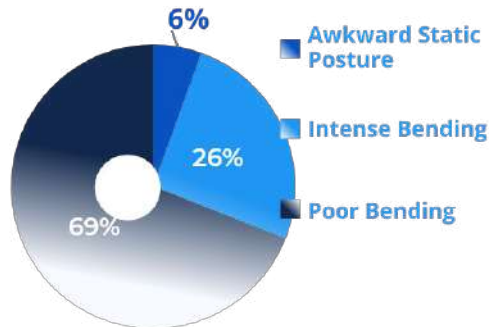


| GIANT EAGLE SUPERMARKETS (US)

## Breakdown of HRMs, averaged for all TRAINERS



## Breakdown of HRMs, averaged for all NEW STARTERS



Wearable devices help the 32,000-employee retailer reduce high-risk movements by 45%

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# WE'RE HERE FOR YOU

Learn more about Soter Solutions at [soteranalytics.com](https://soteranalytics.com)  
Or contact us directly via [info@soteranalytics.com](mailto:info@soteranalytics.com)