ViSafe™

powered by **dorsaVi**™

CREATING SAFER WORKPLACES THROUGH WEARABLE SENSOR TECHNOLOGY

dorsaVi specializes in the development of wearable sensor technology and proprietary software used to measure movement and muscle activity in real time and in real life situations.

We provide our tailored consultancy service ViSafe™ to assist organizations in identifying, prioritizing and controlling their manual handling injury risk, with the aim of reducing the number of workplace injuries and providing a safer working environment. ViSafe™ uses medical-grade wearable movement and muscle activity sensors, software and sophisticated algorithms, to provide objective and actionable data that profiles the movement risk of jobs, and the tasks within those jobs.

ASSESSING WORKPLACE MANUAL HANDLING RISK

ViSafe has a number of different applications within the workplace and we will help you select the right assessment option to address your specific manual handling issues or opportunities.

> **BASELINE ASSESSMENT**
Provides you with a detailed movement risk profile of the jobs and tasks that your employee performs in real work conditions and environments. The data output is objective, actionable and prioritized with manual handling / postural injury risk factors highlighted.

> **COMPARATIVE ASSESSMENT**
Used to compare the effectiveness of proposed risk controls. These may include engineering or design changes, equipment selection, or work-practice changes.

> **BEST PRACTICE ASSESSMENT**
Captures best practice postures and manual handling techniques. The data and video footage can be used to educate employees about movement risks related to tasks and the importance of adopting best practice postures.

RETURN ON INVESTMENT

dorsaVi has demonstrated a capacity to deliver a significant ROI – reducing work-related injury frequency rates, positively impacting workers' compensations claim numbers and costs, and improving operational efficiency by validating change in workplace process, design or equipment use.

Examples of where our wearable sensor technology has positively impacted include:

NATIONAL SUPERMARKET CHAIN
87% reduction in injuries
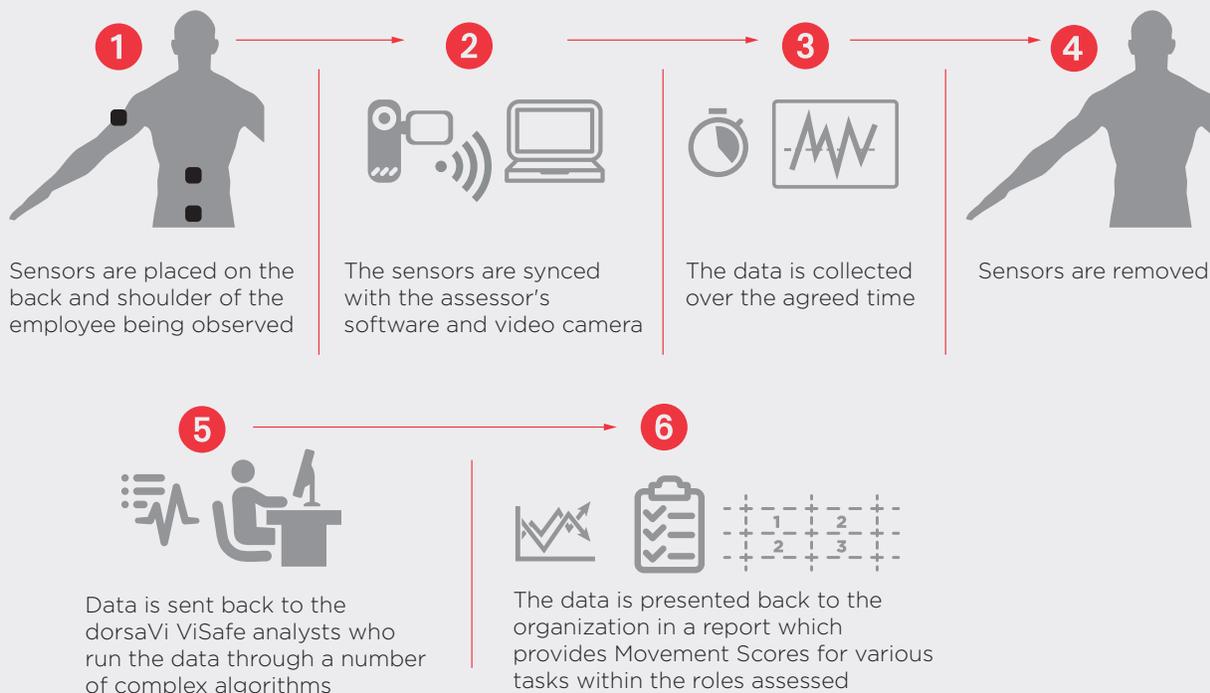12 months post-intervention

LONDON HEATHROW AIRPORT
53% reduction in injuries within 12 months post intervention and 60% increase in use of recommended manual handling aids

NATIONAL AGED CARE PROVIDER
reduction in LTIFR (lost time injury frequency rate) from 28 to 4 and **40% reduction in injury claims**

VINCI CONSTRUCTION, LONDON
17% improvement in productivity

Additionally, organizations have anecdotally reported improved levels of engagement from their workforce and overall improvements in workplace safety culture as a result of their use of our technology within their workplace.

HOW IT WORKS

1 Sensors are placed on the back and shoulder of the employee being observed

2 The sensors are synced with the assessor's software and video camera

3 The data is collected over the agreed time

4 Sensors are removed

5 Data is sent back to the dorsaVi ViSafe analysts who run the data through a number of complex algorithms

6 The data is presented back to the organization in a report which provides Movement Scores for various tasks within the roles assessed

IMPROVING SAFETY PERFORMANCE

We've helped organizations globally improve their safety performance by

> Providing objective data to profile and prioritize movement injury risks at a job and task level

> Verifying and validating risk controls or work practices assessed to ensure that they are effective in reducing the movement risk profile for the job and/or task

> Using objective data to enable informed decision making around risk controls that are more targeted and cost-effective

> Enhancing manual handling education programs through the provision of best practice video footage

> Verifying the productivity and/or efficiency improvements specific to the control measures or work practices assessed

V dorsaVi™

For more information about ViSafe or dorsaVi visit or call:

info@dorsavi.com | www.dorsavi.com

AU: 1800 367 728 | UK: +44 20 7520 1370 | US: 800-961-0772

Melbourne | London | New York