

Innovation in injury prevention

SearsonBuck
incorporating NurseLine

Innovative products, purposely designed for the workplace.



Longitude 

longitude6.com

Technology is changing the face of health and safety in the workplace.

Once used to simply improve worker productivity or to acquire more accurate data, now workplace technology is a fundamental element for addressing an organisation's safety risks and exposures, injury prevention and improving overall employee health and wellbeing.

Longitude6 was built to bring the world's best in class technology and solutions in injury prevention to your workplace.





Motion Capture

Establishing the functional capacity of your new and existing people.

Longitude6 provides your organisation access to innovative and high performing products to utilise within your business context.

The Technology

Longitude6 utilises proprietary Motion Capture technology that has been University validated to be one of the most accurate systems on the market. Longitude6 is your Portable Biomechanics Lab, bringing the power of Artificial Intelligence to assess the mobility, stability, and movement quality of your workers.

What it does

Longitude6 Motion Capture Technology measures evidence-based movements to assess function and dysfunction of a worker on a multi-planar scale. The 3D functional planar mapping provides accurate, objective analysis of mobility, stability, and movement quality. The results of these assessments make it easy to see where movement requires correction.

Outputs

Each worker who undertakes a Longitude6 Motion Capture assessment receives a report with a scorecard to reflect any function or dysfunction in relation to balance, flexibility, core, dynamic posture, lower extremity power, functional asymmetry and susceptibility to injury. These reports make it easy to see where the movement of a worker requires correction.



How it helps employers

Longitude6 provides a unique methodology for companies looking for innovative and effective ways to:

— Match workers correctly to the requirements of a specific job.

— Undertake assessments from pre-employment screening, right through to the on-boarding process.

— Analyse functional movement improvement over the course of treatment for injured workers, tailoring return to work protocols.

[Click here to watch this technology in action](#)

Wearable Technology

Analysing risk movements of the jobs and tasks performed by your people.

Longitude6 provides your organisation access to innovative and high performing products to utilise within your business context.

The Technology

Longitude6 provides you access to an automated Wearable Technology system which uses non-invasive patented wearable sensors to examine workers whilst undertaking their required job tasks to identify the risk of musculoskeletal injury. Analysis is performed by highly advanced and complex algorithms presented back through a user-friendly app.

What it does

The neck, back and shoulder actions, movements and postures provide the input into the assessment of the worker. The app captures the assessment and provides access to a highly sophisticated database of worker risks based on industry standards. Longitude6 allows precise assessment of, not only the task, but also assesses the risk of injury upon repetitive motion and time spent engaging in this same activity correction.

Outputs

Workers who undertakes this Longitude6 Wearable Technology assessment receives an analysis report for each assessed task, which includes a Risk Score. The report shows neck, back and shoulder movement, posture and action contributions to the task risk score. Results by work task are reported in a summary report with pre and post risk control scores and supporting information.



How it helps employers

Longitude6 is for employers that want to conduct risk assessment and analysis of physical work tasks based on a complete cycle of the defined task. Longitude6 provides a unique methodology for companies looking to:

— Conduct objective, validated risk assessments and analysis of the complete cycle of physical tasks.

— Undertake site assessments of a task and identify risk of injury upon repetitive motion and time spent conducting that activity.

Health Analytics

Understanding the health and wellbeing of your people

Longitude6 provides your organisation access to innovative and high performing products to utilise within your business context.

The Technology

Longitude6 Health Analytics is a research-based, validated tool that brings immediate risks, problems, and opportunities to the surface. The Longitude6 research-validated survey maps your workers' underlying health beliefs, behaviours, and barriers that are driving your health ecosystem, including workplace injuries.

What it does

The Longitude6 delivers a quick assessment that gathers information about disease risk, stress, nutrition, movement quality and fitness. Longitude6 then draws a map of each worker's health that they can easily see and understand.

Outputs

Your Longitude6 Health Insight Map provides you with a snapshot of the health and wellbeing of your workforce. Your report also includes an overview of your organisational health coordinates: disease risk, fitness, stress, nutrition and movement quality. You will also receive detailed analysis of the readiness to change and confidence of your workforce.



Benefits

Gain actionable information to promote optimal physical and mental health in and out the workplace.

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Create a comprehensive wellness strategy based on the identified areas of risk for your workforce.

[Click here to watch this technology in action](#)

We work with you.

To consider what technology could be incorporated within your business to support the development of a seamless and integrated solution for you to reduce your costs and impacts of workplace injury.

[Learn more at Longitude6.com](https://www.longitude6.com)

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