

# Innovative products, purposely designed for the workplace.



# 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.

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







# Longitude6 Motion Capture

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



## The Technology

Longitude6 Motion Capture is a proprietary motion capture engine 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 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 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](#)

# Longitude6 Wearable Technology

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

## The Technology

**Longitude6 Wearable Technology** is an automated 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 a Longitude6 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.

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



## 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.



# Longitude6 Health Analytics

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.

## How it helps employers

By utilising Longitude6 your organisation and employees will gain actionable information to promote optimal physical and mental health in and out the workplace. With Longitude6 you get access to data that lets you 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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# innovation in injury prevention