

SMART HARNESSES



South Africa's First Smart Harness

Our revolutionary Smart Harness puts workforce safety at your fingertips



In South Africa, falls from elevated heights contribute to 14% of industrial fatalities, largely due to improper use of fall arrest equipment. When working at heights the risk can be minimized by using the double hookup system, so that at least one lanyard is attached to an anchor point at all times.

How can you ensure that your workforce is using the fall arrest equipment correctly and make decisions that can improve performance and save lives?

Intuate Group proudly brings you the **Smart Harness**

The Smart Harness employs IoT sensor technology to gather real-time telemetry from workers working at heights. The data is transmitted to our backend systems, providing both live and historical insights into worker safety behaviour.

Features such as Geofencing GPS, heatmaps, audible alarms and custom alerts not only ensures worker safety but also enables supervisors to track compliance in real-time, significantly reducing the risk of costly accidents and improving operational efficiency through data-driven insights.



Scan the QR code for more information

Key Features:

Hookup and Double Unhook Detection:

Sensors that monitor whether the required double hookup was achieved.

Visible and Audible Alarms:

When the required criteria are not met, the operator will be warned using LED lights, an audible alarm and vibrating buzzer.

Fall Arrest Detection:

Sensors that detect if a fall arrest incident occurred assisting in timely emergency response to an incident.

Geofencing GPS:

Geofencing with GPS technology enables supervisors to ensure that workers remain within designated safe zones, improving workforce management and resource allocation.

Real time telemetry information:

View climbing activity in real time on the live dashboards, enabling immediate response to unsafe work activities.

Business improvement heatmaps:

Heatmap data reveals areas where workers exhibit suboptimal climbing behaviour, allowing management to investigate and address unsafe conditions or equipment issues.