

TECH
mahindra
ALTAVEC



AIMS ZERO

Product Information

2024/2025

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AIMS ZERO

Altavec's award-winning safety solution, AIMS Zero, is revolutionising how organisations manage and mitigate risks for lone remote workers. Prioritising safety and well-being, AIMS Zero offers a comprehensive platform, comprising a wearable watch application or mobile/tablet device application. With its innovative features and user-friendly interface, AIMS Zero empowers your workforce with the tools they need to stay connected, informed, and safe.

To hear more about AIMS Zero's WorkSafe Award win, take a look at the below video:

<https://www.youtube.com/watch?v=LMkDL9Q8xIA>

AIMS ZERO BENEFITS



Enhanced Lone Worker Safety

AIMS Zero's real-time hazard alerts and accurate location tracking ensure lone remote workers are promptly alerted to potential dangers, enabling them to take necessary precautions and make informed decisions for their safety.



Efficient Emergency Response

With panic and duress alarms, AIMS Zero enables lone workers to quickly notify emergency services and supervisors of critical situations, ensuring swift assistance and support.



Seamless Connectivity in Remote Areas

Even in locations with limited network coverage, AIMS Zero's seamless integration with satellite technology ensures continuous monitoring, communication, and access to emergency services.



Advanced Spatial Analysis

Leveraging cutting-edge technology, AIMS Zero provides highly accurate real-time location data for lone workers, enabling supervisors to effectively monitor their field-based workforce.



Proactive Safety Culture

AIMS Zero's innovative features foster a proactive safety culture by empowering employees to prioritize their well-being and take proactive measures to mitigate risks.



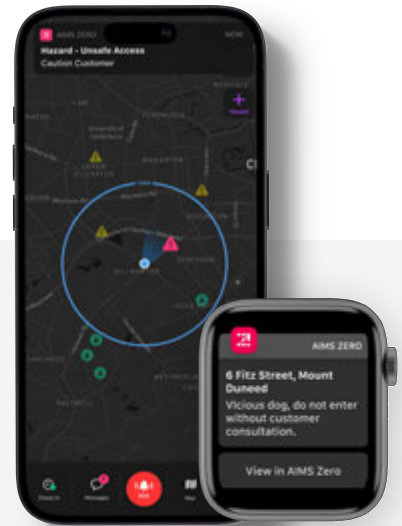
User-Friendly Interface

Developed with a user-centric design approach, AIMS Zero offers an intuitive and enjoyable user experience, leading to high adoption rates within organisations.

AIMS ZERO MOBILE

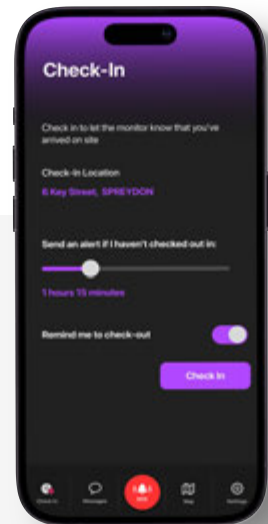
Real-Time Hazard Alerts

AIMS Zero provides immediate alerts when a field worker approaches a known hazard, ensuring timely precautions are taken to mitigate risks.



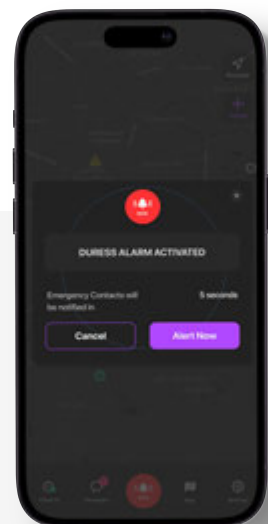
Work Site Check-In & Check-Out

AIMS Zero enables two-way communication between lone workers and central monitoring stations, facilitating updates and support during critical situations.



Panic & Duress Alarms

In case of emergencies, lone workers can activate a duress alarm, quickly sharing their location with emergency services and supervisors for prompt assistance.



AIMS ZERO MOBILE



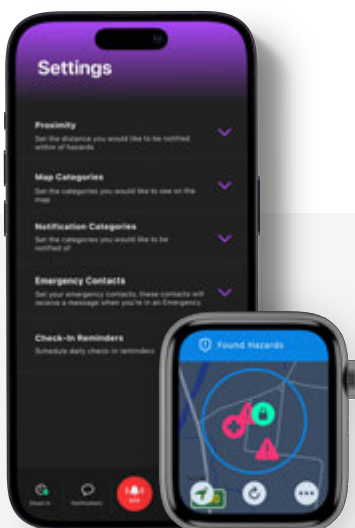
Hazard Creation

AIMS Zero supports the maintenance of existing hazards by providing an easy way for field workers to verify hazards exist, ensuring organisations have an accurate repository of risks faced by workers.



Hazard Verification

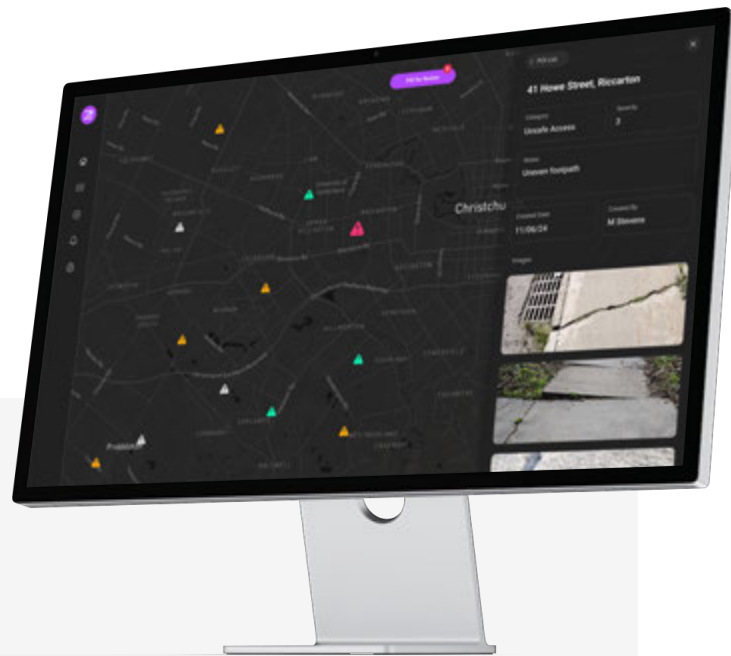
AIMS Zero supports the identification, documentation, and maintenance of hazards, ensuring organisations have an accurate repository of risks faced by workers.



Customisable Settings

AIMS Zero gives users complete control over what information they see and when with customisable settings which allows them to tailor AIMS Zero for any work environment and any preference.

AIMS ZERO WEB



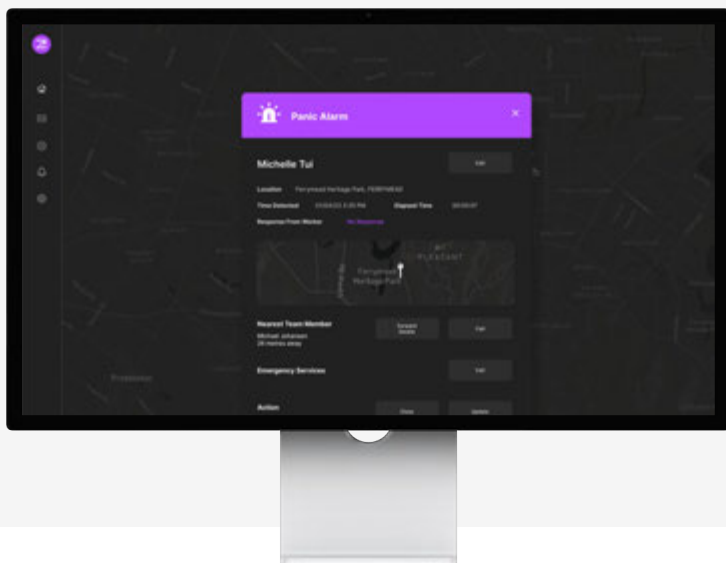
Monitor & Manage in Real-Time

The cloud-based dashboard provides managers with a comprehensive tool to monitor lone workers in real time. It displays worker locations, alerts, status updates, and incident reports, enabling quick and informed decision-making. With live mapping and hazard zone identification, managers can proactively address potential risks. The dashboard also supports event logs and audit trails, ensuring full compliance with safety regulations and reporting requirements.

Self Service Data Management

Manage your hazard data from the beginning with easy to use upload feature allowing organisations to manage the import process of hazard data. Export newly created hazards in a multitude of data formats for injection to source systems.

*AIMS Zero API can be used for automatic Hazard ingestion



SOS Notifications

SOS Alerts raised by AIMS Zero Mobile users are received instantly in AIMS Zero Web. See where your users are and the danger they're in with live location monitoring allowing organisations to respond rapidly and keep their teams safe.

CASE STUDY

Enhancing Field Staff Safety with Wearable Technology

This case study explores the development and implementation of AIMS Zero, a groundbreaking wearable technology application created by Altavec in collaboration with AusNet Services. The primary objective of AIMS Zero was to provide spatial hazard information to AusNet field staff and incorporate fall detection intelligence to ensure a safer working environment when they are remote. The pilot project was completed within a remarkable timeframe of 12 weeks, with a part-time delivery team, overcoming technical constraints, and extending the initial scope to deliver key features. AIMS Zero not only improved safety for field users but also increased employee engagement. The iterative development approach proved to be an effective strategy for adapting to end users' needs and preferences.

98%

Adoption rate

35%

Reduction in reportable injuries

9%

Increase in employee engagement

2

Lone worker falls escalated

The AIMS Zero project achieved several noteworthy milestones:

Timely Delivery: AIMS Zero pilot was developed and delivered within an impressive 12-week timeframe, despite the challenges of remote work.

Innovative Solution Building: The team exhibited exceptional solution ideas to technical and field based problems in the field.

User-Centric Approach: Continuous engagement with end users allowed for ongoing refinement of the application, aligning it more closely with user needs.

Continuous Delivery: Key features were delivered beyond the initial phase 1 pilot, enhancing the application's functionality and value with an established roadmap and continuous delivery of new features.

While the AIMS Zero project achieved substantial success, some challenges were encountered:

Technical Constraints: Overcoming technical limitations posed difficulties, requiring innovative solutions.

Remote Collaboration: Operating with a team spread across 100km+ and required to remotely work due to Covid-19 we are able to conduct collaborative user sessions with all stakeholders resulting in innovative solutions to real world problems.

CASE STUDY

Enhancing Field Staff Safety with Wearable Technology

“People are feeling seen and heard, and we’re providing solutions that they feel they’ve contributed to.”

Bridget Cairns - Head of Field Assessment - AusNet Services

AIMS Zero proved to be a resounding success, with the pilot program extending to over 100 field workers across AusNet Services. These field staff operate in critical roles such as Asset Inspection, Vegetation Management, and Metering. AIMS Zero effectively functions as a virtual companion for this diverse group of lone workers across the vast AusNet network, ensuring their safety and well-being in remote work environments.

In addition to the success with the AusNet team, AIMS Zero was recognised by WorkSafe Victoria, winning the Workplace Health & Safety Solution of the year. This award category recognises individuals and organisations that develop, implement, and/or manufacture solutions to health and safety issues or hazards in their own workplaces or for industry.

To hear more about the impact AIMS Zero had at AusNet, take a look at the WorkSafe Award video at

<https://www.youtube.com/watch?v=LMkDL9Q8xIA>





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