

Vulcan AI

AI at the Edge

Improving safety and productivity

Company Introduction

- Vulcan AI is an Edge AI company Headquartered in Singapore that builds SaaS solutions help improve Safety and Productivity for Enterprises
- Vulcan specializes in deploying light-weight inference engines on Edge IoT devices to create distributed intelligence systems
- Our WorkSafe and SmartCaire suite of solutions help improve safety and health outcomes in industries such as Social Service and the Built Environment.
- CEO and Founder – Manik Bhandari
- Vulcan has been working with Intel over the last 2 years and an [Intel® AI: In Production community member](#)

Solution Details

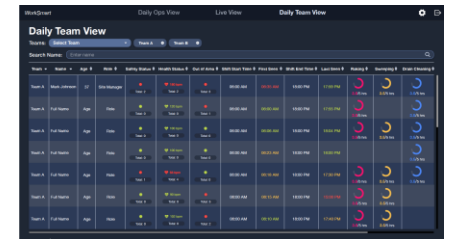
- **Vulcan WorkSafe** is an Enterprise Application for Workplace Safety that leverages CCTV, and Wearable technology to create Safety Intelligence and supports workflows and notifications to enable centralized monitoring and response to safety threats and incidents
- **Vulcan SmartCaire** is our Remote Behavioural Monitoring Detection and Alert System for the Social Service and Assisted Living sector. SmartCaire leverages unique vision AI, Thermal imaging and Audio AI technology to detect any erratic behaviour and safety incidents of residents and provides real time alert care givers.

How does the solution work

- [Video Demo of WorkSafe](#)
- [Video Demo of SmartCaire](#)



Personal Health & Productivity App



Enterprise Health & Productivity App

- How does the solution work?
- What generations of processors or specific silicon is/are used?
 - 8th Generation Intel® Core™ i7-8700
 - iEi Mustang-V100-MX8-R11
- What Intel components besides processors are used when deploying?
 - Intel® Distribution of OpenVINO™ toolkit and DLStreamer for edge inference and video orchestration



Who is your target Audience

Enterprise End Customers

WorkSafe

- Oil and Gas
- Manufacturing
- Construction and Facilities Management
- Maritime

SmartCaire

- Old age homes
- Assisted Living
- Hospitals
- Schools
- Dormitories

Where can I go to find more information



<https://www.vulcan-ai.com/worksafe>



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