



# OpsSafety for Adherence & Monitoring

Ensuring that team members and employees are supported with the highest safety practices in their work environments so that they can continue to thrive in all aspects of their lives is your top priority.

OpsSafety is Armada's capability to ensure safety and compliance in operational and industrial settings. This application demonstrates robustness across various camera viewing angles, including near-top-down and extreme oblique views, as well as in challenging lighting conditions such as high-glare environments and highly reflective surfaces. It maintains accuracy even in scenarios with low-resolution areas of interest, such as those involving multiple workers, and in environments with high scene clutter containing various objects.

### Device-agnostic

Video may come from a drone, body cam, head-mounted camera, security camera, or any camera in an operational setting.

### Interoperable

Built to integrate into your operational workflows and ecosystem. Integrate with data sources via various protocols. Generate notifications, alerts, incidents, and/or reports.

### Real-time

Detection, classification, and narration in streaming videos. As needed, detect image/video degradation and improve quality before processing.

### Deployable on Edge, in Cloud

Accounts for data governance, compute, and latency needs of your environment.

A practical approach for applying multimodal AI to scale safety initiatives for immediate action and decision making.



### PPE Adherence

Detect safety risks and adherence to safety protocols for Personal Protective Equipment (PPE) such as helmets, vests, gloves, and boots.

### Zone Monitoring

Detect incidents of unauthorized entry such as into exclusion zones and/or by unauthorized individuals or vehicles and assets in outdoor and indoor spaces.

### Personnel Trip, Slip & Fall Detection

Monitor for potential slip, trip, and fall hazard. Detect incidents of personnel down.