

Worker Safety Solution

Powered by AI and IoT



Today's safety standards fall short, risking lives in industrial workplaces.

The Challenges

Industrial Organizations Face

- Demand** for productivity
- Complex** work processes
- Changing** work environments

Top 10 Workplace Safety Violations of 2022*

- 01 Fall protection – general
- 02 Hazard communication
- 03 Respiratory protection
- 04 Ladders
- 05 Scaffolding
- 06 Lockout/tagout
- 07 Powered industrial trucks
- 08 Fall protection – training
- 09 PPE – eye/face protection
- 10 Machine guarding

* OSHA presented a preliminary list of the top 10 most frequently cited violations for fiscal year 2022 during the National Safety Council's 2022 Safety Congress & Expo in San Diego.

The Solution

Go From Reactive to Proactive

The analytics-driven solution powered by SAS® Analytics for IoT uses cameras, sensors and geofencing to address unsafe behaviors in industrial settings and prevent them from occurring in the future.

With a scalable architecture applied across various facilities and use cases, the solution provides end-to-end deployment that can utilize your current infrastructure or introduce new cameras, sensors, hardware and store data in the cloud or on-premises.

01



Monitor unsafe behavior

Leverage camera vision, sensors and geofencing to capture unsafe behavior.

02



Issue real-time alerts

Change behavior in real time to prevent accidents.

03



Detect and visualize patterns

Augment safety briefs, safety protocols and training based on historical patterns.

Reduction and prevention
of safety incidents

The Solution Differentiators

An enterprise-grade computer vision and sensor enabled offering

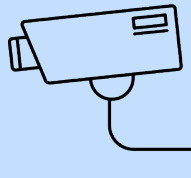
Transparency
in operations



Privacy
in data handling



Advanced
tech with computer vision
and industrial sensors



Flexibility
in system integration



The Value Differentiators

Reduced

number of
actual incidents

hours of work
stoppage

workers'
compensation
insurance premium

workers'
turnover

cost of equipment
maintenance



Leaders in Experience, Expertise and Innovation



Successful analytics initiatives require tight alignment between hardware and software in the hands of skilled technologists and strategists who can put them to work in support of organizational goals. Together, we know how to deliver practical solutions that deliver real, measurable results – at any scale.

Want to find out how your organization could put these capabilities to work?

Start by visiting [SAS.com/loT](https://www.sas.com/loT)

