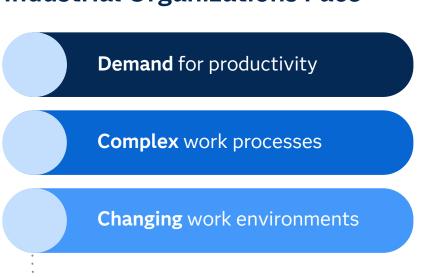
# Worker Safety Solution

Powered by AI and IoT

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

## The Challenges

#### **Industrial Organizations Face**



#### **Top 10 Workplace Safety** Violations of 2022\*

- Fall protection general
- ()2 Hazard communication
- O3 Respiratory protection
- ()4 Ladders

in San Diego.

- 05 Scaffolding
- 06 Lockout / tagout
- 07 Powered industrial trucks
- 08 Fall protection training

09 PPE – eye / face protection

- Machine guarding
- \* OSHA presented a preliminary list of the top 10 most frequently cited violations for fiscal year 2022 during the

National Safety Councils's 2022 Safety Congress & Expo

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.

03

# The Solution

**Go From Reactive to Proactive** 

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



#### Issue real-time alerts

Change behavior in real time to prevent accidents.



#### **Detect** and visualize patterns

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

## **Reduction and prevention**

of safety incidents

#### The Solution **Differentiators**

**Transparency** in operations Advanced

sensor enabled offering

An enterprise grade computer vision and



**Privacy** in data handling

#### **Flexibility** in system integration

tech with computer vision and industrial sensors

### The Value

**Differentiators** 

number of actual incidents

hours of work stoppage

workers' compensation insurance premium

····· Reduced

workers' turnover

cost of equipment maintenance











Leaders in Experience, Expertise and Innovation

# Ssas intel softserve

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

Start by visiting SAS.com/IoT

capabilities to work?



Copyright © 2024, SAS Institute Inc. All rights reserved.