## Al-Powered Monitoring and Analytics to Manage Risk and Drive Operational Excellence

# UNLOCK VALUE FROM YOUR EXISTING CCTV NETWORK WITH ADVANCED COMPUTER VISION TECHNOLOGY

There are billions of camera systems currently deployed worldwide, including drones, home surveillance systems, and CCTV cameras, to say nothing of mobile phones. Many are used as passive surveillance systems for collecting and storing visual data, requiring active human interaction to make use of their value.

But what if you could transform your underutilized video feeds with a dynamic, proactive visual AI platform—using computer vision technology to identify and classify objects and determine the next best actions based on what your cameras "see?"

Now you can, with SparkCognition Visual AI Advisor. Tap into your existing camera infrastructure to generate actionable analytics and alerts that unlock new value for your organization through visual AI advantages.

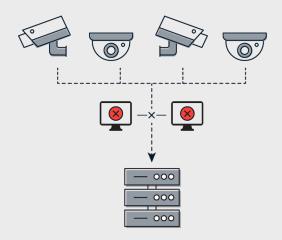
- Reduce costs
- Prevent accidents
- Ensure compliance
- Improve quality
- Enhance security
- Increase productivity
- Analyze performance
- Achieve HSE goals

Visual AI Advisor supports over 100 end-to-end computer vision use cases for safety, security, visual inspection, productivity, and situational awareness. It deploys quickly within your operational framework and can be fully customized for high-ROI applications specific to your site or business needs.

Through its proprietary capability to understand and react to complex scenes and multi-frame activities—quick to deploy and customize using a low-code/no-code integration framework—Visual AI Advisor enables you to transition from reactive to proactive actions to correct problems before they happen.

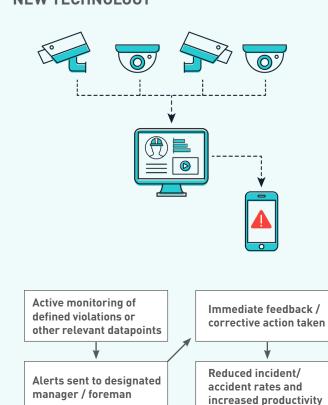
Visual AI Advisor deploys both on-premise or off, keeps data secure on-site or in your cloud, and enables you to automate visual analytics on multiple real-time video streams at once—improving its performance through its continuous-learning training module.

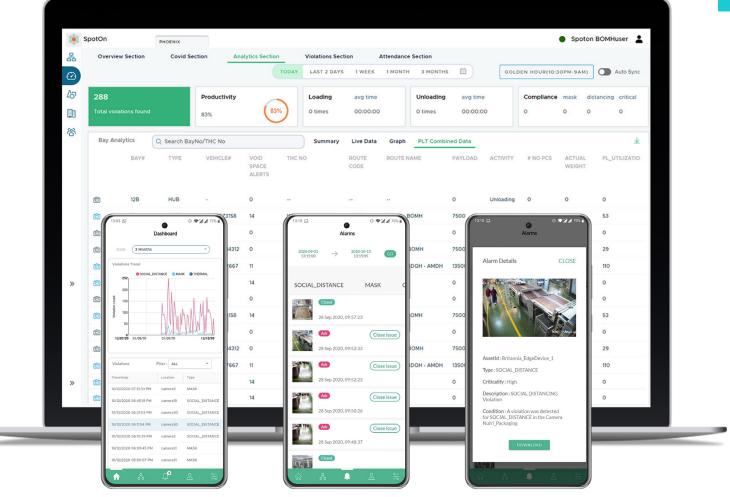
#### **OLD TECHNOLOGY**



- Collects and stores visual data
- Dead digital feed—no insights or actions
- Playback is retrospective (i.e., used for post-incident/accident investigation)
- No corrective actions issued; no real time risk dashboard

#### **NEW TECHNOLOGY**







### **INCREASE PRODUCTIVITY**

Visually track and analyze everyday use cases like vehicle utilization, loading efficiency, quality inspection, etc, to improve utilization.



#### REDUCE ACCIDENTS

Transition from reactive to proactive corrective actions to eliminate preventable safety incidents before they happen.



## STRENGTHEN SECURITY

Enact visual AI-enabled security measures using facial recognition. Detect and alert on instances of unauthorized access or suspicious activity.



#### **ENSURE PPE COMPLIANCE**

Monitor and enforce proper use of hard hats and other personal safety equipment, hygiene, equipment usage, etc. SparkCognition Visual AI Advisor scales with your existing camera infrastructure and can be customized to serve your most critical use cases. It allows you to monitor and collect valuable data on performance, people, and assets using configurable web, iOS, and Android-based dashboards.

Get role-based alerts via your web dashboard, mobile app, email, SMS, WhatsApp, and on-site alarms for immediate notification of computer-vision detected instances like stock-outs in stores, fire alerts, security breaches, safety non-compliance, and hundreds more.

#### **ABOUT SPARKCOGNITION**

SparkCognition's award-winning AI solutions allow organizations to predict future outcomes, optimize processes, and prevent cyberattacks. We partner with the world's industry leaders to analyze, optimize, and learn from data, augment human intelligence, drive profitable growth, and achieve operational excellence. Our patented AI, machine learning, and natural language technologies lead the industry in innovation and accelerate digital transformation. Our solutions allow organizations to solve critical challenges—prevent unexpected downtime, maximize asset performance, optimize prices, and ensure worker safety while avoiding zero-day cyberattacks on essential IT and OT infrastructure.

To learn more about how SparkCognition's AI solutions can unlock the power in your data, visit www.sparkcognition.com.