

ROAD
WORK
AHEAD

ALERT

VEHICLE INTRUSION



ClearVision for Work Zone Safety

Simple solutions to save lives and increase public safety with Vision AI for Work Zone Safety

In 2023 there were almost 900 fatalities and thousands of injuries in US Highway Work Zones. Even one is too many. ClearObject has partnered with Google to create simple, effective solutions to keep our critical infrastructure workers safe.

ClearVision Work Zone Safety Monitoring

ClearVision Work Zone Safety Monitoring combines cameras, artificial intelligence, and a simple but revolutionary alert system to keep workers safe. Distracted drivers and workers with limited sight lines need more defenses than ineffective signs and orange cones.

Here's how it works:



No Network Required

The system can run completely at the edge, requiring no network or cellular connectivity for alerting.



Real-time Worker Alerts

A combination of vibrations (haptic), lights, and sirens alerts workers when vehicles cross into the danger zone, giving them time to seek safety.

See it in
action!



AI on an Edge Device

ClearObject's cutting-edge AI solutions analyze video footage on site, so workers can be immediately notified of danger.



Easy to Operate

Workers on site can redraw the virtual boundaries via a simple interface as work zones shift over time



Intelligence Dashboards

Improve safety over time by gaining insights from intrusion frequency, severity, time of day, vehicle speeds, and response times.

Vision AI: Built for the Future

ClearVision ensures it is working with the latest industry standards so that it can be sure to communicate and work across the industry

ClearObject is a trusted Google Cloud Partner in SLED, with deployment expertise in cities, towns, roadways, and more. We work with you to keep workers safe, avoid infrastructure project delays, and create better communities for all.

Vision AI Mini-Case Study: New York State Thruway increases worker safety with ClearVision Work Zone Safety

The Problem

Distracted driving, thanks to speeding, phones, or even DUI creates significant safety hazards for highway workers. Even a slight work zone intrusion by a high speed vehicle can lead to injury or even death. Workers, focused on their jobs, aren't able to watch for all dangers.

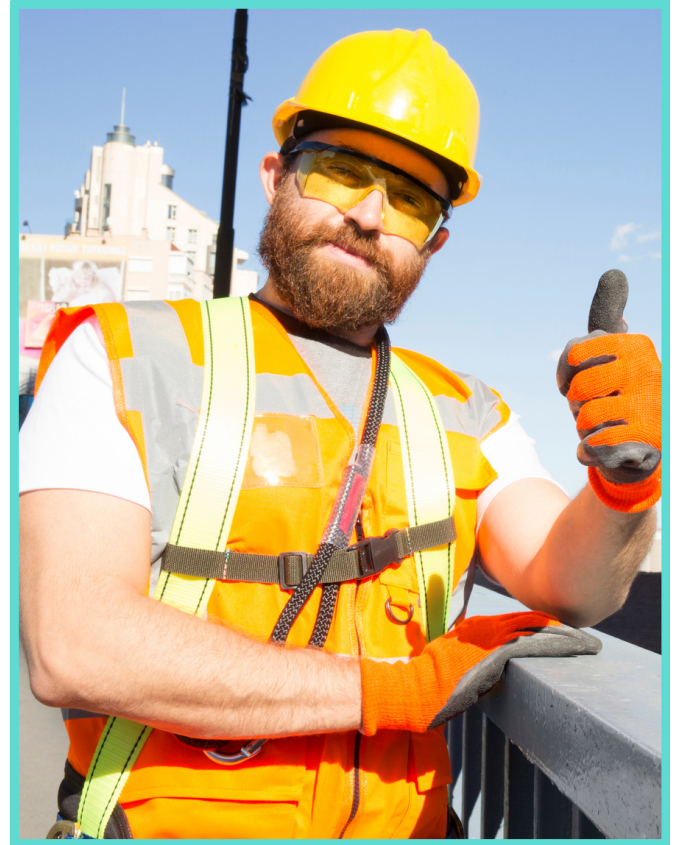
Despite increasing signage, orange cones, and 2X fees for speeding in a work zone, accidents are trending upwards.

The Solution

ClearObject and Google Cloud partnered with NYS Thruway to design a simple, effective solution to improve safety with Vision AI.

ClearVision analyzes real-time video from cameras placed at the work zone to identify vehicles that enter the defined "danger zone". AI can also predict when erratic vehicles might enter the zone.

Workers are alerted via wearable technology that vibrates, lights up, and sounds an alarm so they can respond quickly even in noisy, distracting environments.



Trusted by:



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