

AUTOMATE REAL-TIME VISUAL ANALYTICS AND ALERTS TO REDUCE COSTS, BOOST PRODUCTIVITY, AND IMPROVE SAFETY

There are billions of camera systems currently deployed worldwide, including drones, home surveillance systems, and CCTV cameras, to say nothing of mobile phones. Most are used as passive surveillance systems for collecting and storing visual data, requiring active human interaction to harness 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 Avathon Visual AI. Tap into your existing camera infrastructure to generate actionable analytics and automate alerts that unlock new value for your organization through visual AI advantages.

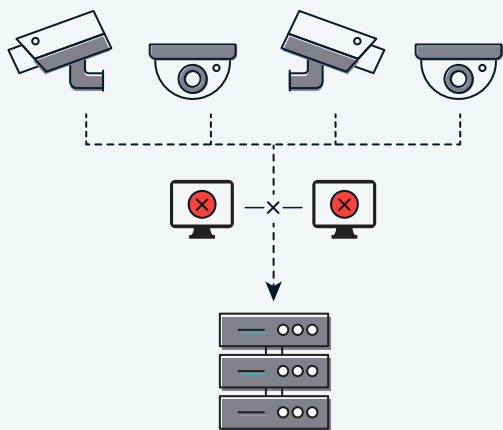
- Reduce costs
- Prevent accidents
- Ensure compliance
- Improve quality
- Enhance security
- Increase productivity
- Analyze performance
- Achieve HSE goals

Avathon Visual AI supports over 125 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. With its capacity to identify, analyze, and alert in real time, 24 hours a day—leveraging accuracy and efficiency beyond human ability—Avathon Visual AI empowers your organization to transition from reactive to proactive corrective actions.

You can automate visual analytics on multiple real-time video streams at once. Target and collect essential data on performance, people, and assets from your configurable drag-and-drop web-based and mobile app dashboard. Get role-based alert notifications immediately when safety non-compliance, security breaches, customer experience signals, etc. arise, delivered via your web dashboard, mobile app, email, SMS, WhatsApp, and/or on-site alarms.

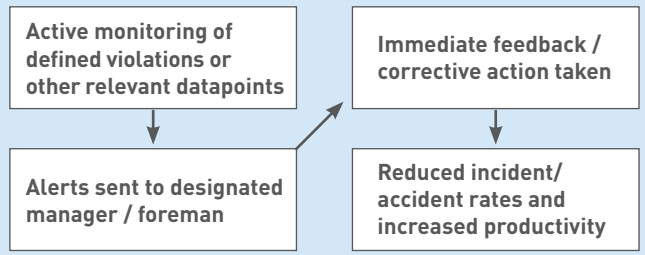
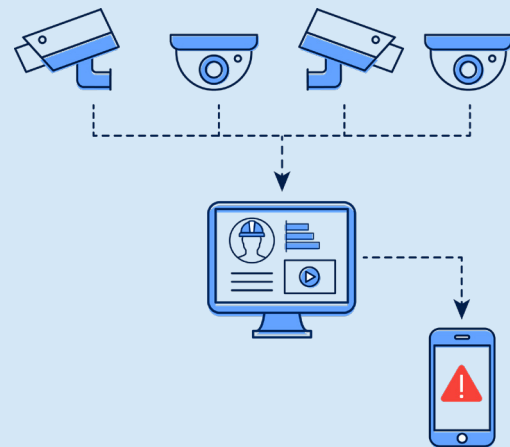
Avathon Visual AI’s low-code/no-code integration framework (no data scientist or programmer required) deploys either on-premise or off and keeps your data secure either on-site or in your cloud. It uses widely available and inexpensive GPU nodes and works with virtually any camera system installed on your site, including CCTV, PTZ, drones, and mobile devices. Avathon Visual AI scales to thousands of cameras in days, consolidates all video feeds into a single interface, and its continuous-learning training module improves product performance over time to mitigate false positives and false negatives.

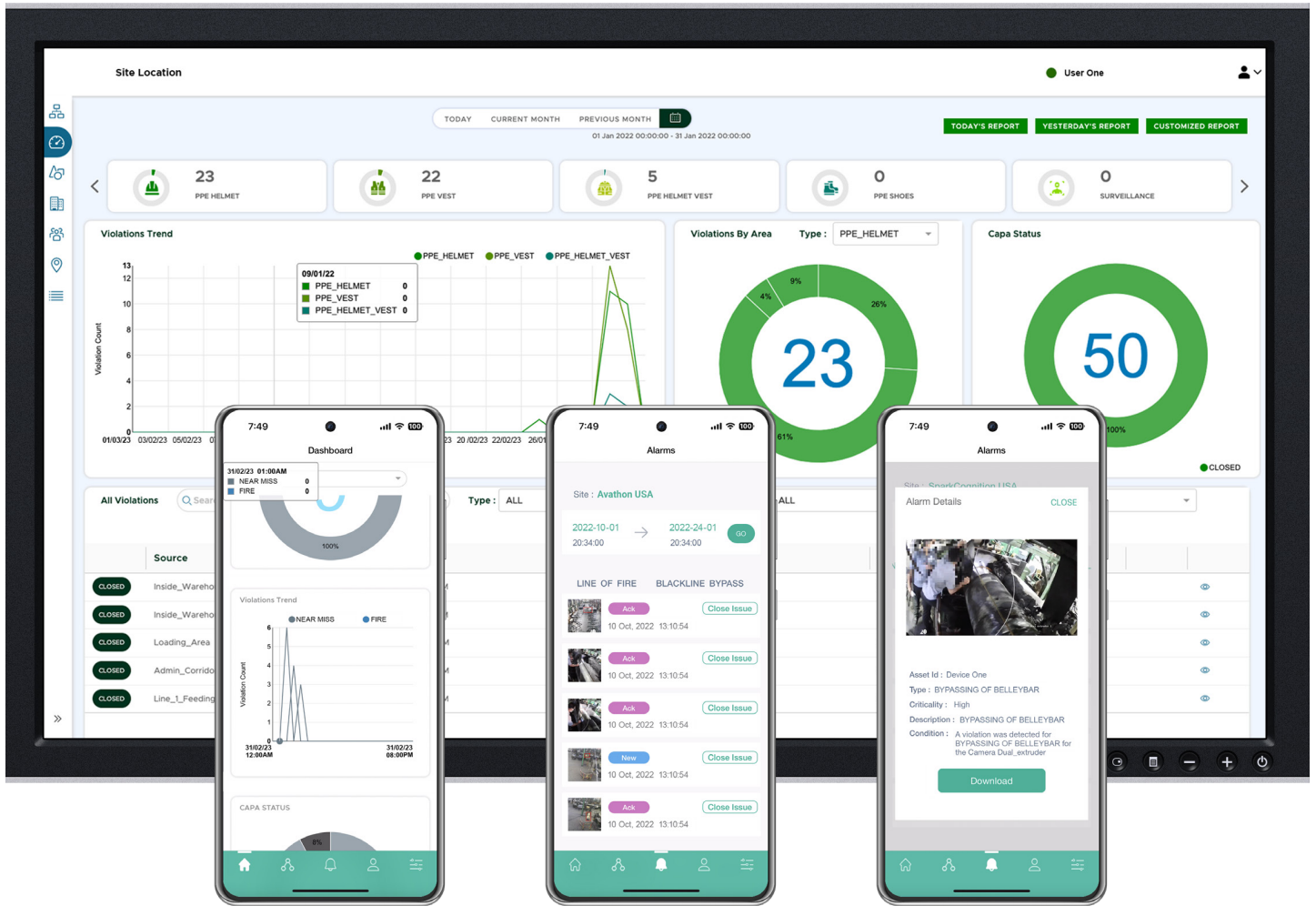
OLD TECHNOLOGY



- 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.

Avathon Visual AI minimizes time-to-value for operationalizing enterprise computer vision technology. Using the camera hardware you already own, you'll be enabled to observe and address previously undetected warning signs before they develop into urgent and costly problems.

With its proven ability to learn, understand, and react in the moment to complex scenes and multi-frame activities, Avathon Visual AI helps you unlock unprecedented value from your camera feeds in service to top-priority business and safety outcomes.

ABOUT AVATHON

Avathon, a leader in Industrial AI, extends the life of critical infrastructure while advancing the journey toward full autonomy. Avathon's Industrial AI platform empowers commercial and government customers with scalable, secure, and value-driven solutions that enhance efficiency and resilience across heavy industry.