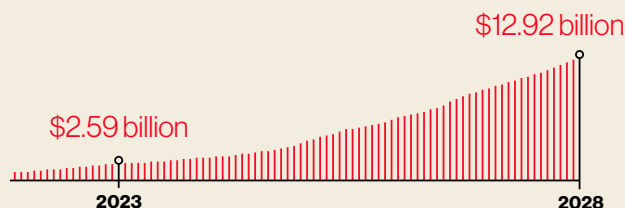# The next generation of computer vision using physical AI is here

The challenges are daunting. 5G Video Insights is on the case.

More than ever, businesses need to protect against workplace accidents—such as slips and falls—sudden overcrowding situations and unauthorized people entering areas of interest. But with the latest in physical artificial intelligence (AI), businesses can use their existing camera infrastructure to obtain meaningful insights, help improve operational efficiency and help promote a culture of accountability.

Companies are looking for better ways to monitor facilities. In fact, IDC forecasted that the worldwide computer vision (CV) AI software market will grow from $2.59 billion in 2023 to $12.92 billion in 2028 — a compound annual growth rate (CAGR) of 37.9% across the forecast period.[1]

$12.92 billion

$2.59 billion

2023   2028

How we can help

Verizon 5G Video Insights is an end-to-end solution for near-real-time processing of high-definition videos. Designed to help improve responsiveness and efficiency, it's flexible and scalable, making it simple to deploy, manage and grow as your needs evolve. And there's no need for expensive new cameras, because it works with most existing Internet Protocol (IP) cameras.[2]

How it works

Gain visibility and control through on-premises compute connected to the Verizon 5G network and an intuitive web portal. The benefits include:

- Enabling deployment of more advanced and resource-intensive algorithms, improving the accuracy and efficiency of the model inferencing

- Providing alerts to incidents happening in near real time for quicker decision-making, which helps improve the overall performance and utilization of a facility

Verizon's AI camera companion:

- Is used for edge analytics, camera onboarding and management, video encoding, and transport

- Along with the Verizon 5G network, helps protect data in transmission and at rest, and collects no biometric data

verizon business

Use cases

We're here to help monitor your business, so you can take preventive action. This can include counting people and vehicles, assessing slip and fall conditions, and detecting people and vehicles in areas of interest. Our sample use cases include:

A hospital needs to understand parking levels. Identify historical and current usage patterns across multiple parking areas.

An entertainment venue's lines are too long. Identify occupancy and queue times and notify management if there is congestion.

There are high-risk or problematic areas in the business. Monitor these areas to take the burden off of managers and employees.

Select from two tiers.

The solution offers two pricing tiers, with ready-to-deploy capabilities that can be expanded easily as your needs evolve.

Starter

- Three (3) unique apps per camera
- Rule-based alerts
- Web-based portal and dashboard
- Alerts and notifications
- Real-time viewing
- Incident reports
- Floor plan mapping
- Role-based access control

Intelligence

Everything included in the Starter tier, plus:

- Unlimited apps per camera
- Up to 32 use cases (returns on investments) per camera
- Object blurring
- Stream monitoring

Partner with us and benefit from our decades of expertise. We'll help you choose the best applications for your specific requirements.

5G Video Insights: The benefits go beyond.

Consider how 5G Video Insights can help you see more, know more and do more to protect your business.

- **Enhanced operations.** Organizations can experience transformative changes in their operations, leading to increased efficiency, better decision-making and a competitive edge in their respective industries.
- **Increased scalability.** The 5G Video Insights architecture supports the scalability of video-based AI applications, making it easier to deploy and manage large-scale visual data processing systems.
- **Faster, more accurate response.** Efficient edge computing means processing tasks can be performed closer to the source of data, while speedy data transfer and lower latency contribute to more accurate and reliable results.
- **Self-service.** With a best-in-class user interface, you can leverage pretrained models to solve for an unlimited amount of use cases without the need for pricey professional services.
- **Affordability.** The solution easily integrates with existing infrastructure and most existing IP cameras without hidden costs or fees.
- **Verizon's superior network.** Connectivity is provided through the highly secure Verizon 5G network—America's most reliable 5G network.[3]

Learn more

To start protecting your business, your people and your reputation with 5G Video Insights, contact your Verizon Account Representative.

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