

AI-Powered Insights for Efficient Fuel Station Operations

Fuel Retail Video Analytics



AllGoVision's AI-powered Video Analytics for Fuel Retail converts existing CCTV infrastructure into a unified intelligence layer for operations, safety, and business insights. The solution delivers vehicle counting and classification, dwell-time monitoring, and identification of repeat customers, enabling better demand analysis and service turnaround optimization. It also supports use cases such as illegal parking detection, decantation vehicle validation, compliance monitoring, and heatmap-based zone analytics to improve safety and customer convenience.

Built on an edge + cloud architecture, video processing happens locally at each outlet to ensure real-time alerts and reliable performance even in low-bandwidth environments, while centralized dashboards provide multi-site visibility, reports and insights. Deployed on ASRock Industrial NUC BOX-255H with Intel® Core™ Ultra processors, the solution leverages the OpenVINO™ toolkit for optimized AI inference, enabling high-throughput video processing with low latency and efficient power usage.

This Intel-enabled edge compute platform ensures scalable deployment, faster model execution, and consistent performance across distributed fuel retail environments.

AllGoVision's unified dashboard enables centralized visibility across multiple fuel stations with live feeds, historical data, and actionable insights

Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra Processors](#)



[Intel® Xeon® Processors](#)



[Intel® Arc™ Graphics](#)



[Intel® Iris® Xe Graphics](#)



[OpenVINO™ Toolkit](#)

Key Intel-Enabled Features

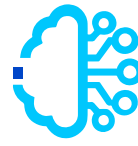
Real-Time AI and analytics make it easy



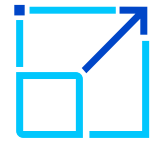
Efficient Edge Compute



Low-Latency Alerts



Edge + Cloud Architecture



Easy Scalability

Powered by Intel Processors and optimized with the OpenVINO™ toolkit, AllGoVision and ASRock Industrial deliver:

01



Lower total cost with optimized compute

02



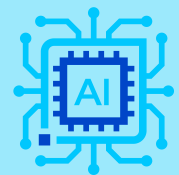
Reliable high-accuracy analytics

03



Flexible deployment across environments

04



Efficient, AI processing at scale

That's the power of Intel Inside.

Country/Geo:

Worldwide

Verticals:

Video Safety & Critical Infrastructure
Manufacturing
Transportation

Use Cases:

Public Safety & Enterprise Security; Smart Buildings
Video Analytics; Worker Safety
Operational Efficiency

About AllGoVision

AllGoVision provides Video AI solutions that integrates with existing CCTV to enable use cases like blacklist identification, ANPR, customer analytics, and more. Since 2009, it has supported organizations worldwide across industries, enhancing security, safety, and operational intelligence through scalable, high-performance deployments.

www.allgovision.com/index.php

[AllGoVision Fuel Retail Vision Analytics - Edge AI Partner Spotlight](#)

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Intel® AI Edge Applications

About ASRock Industrial

Founded in 2018, ASRock Industrial focuses on industrial motherboards, edge computers and AIoT solutions for B2B markets worldwide. A global leader in Industrial PC motherboards, it emphasizes R&D, customization, and partnerships to deliver high-performance, flexible solutions across CARES industries and aims to lead in AIoT innovation.

www.asrockind.com/en-gb/

[ASRock NUC BOX-255H - Edge AI Partner Spotlight](#)

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Intel® AI Edge Systems

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