Computer Vision Platform (Ipsotek VISuite) on Azure

Eviden's Computer Vision is an AI video analytics platform that enhances safety, security, and operations. It transforms existing CCTV cameras and Video Management Systems (VMS) into real-time intelligence. With a 20+ year track record, it serves 600+ customers globally.

What We Offer

Object tracking: Tracks and categorizes individuals, vehicles, and objects.

Rich metadata: Provides detailed object information on a GIS map, including shape, class, color, speed, and trajectory.
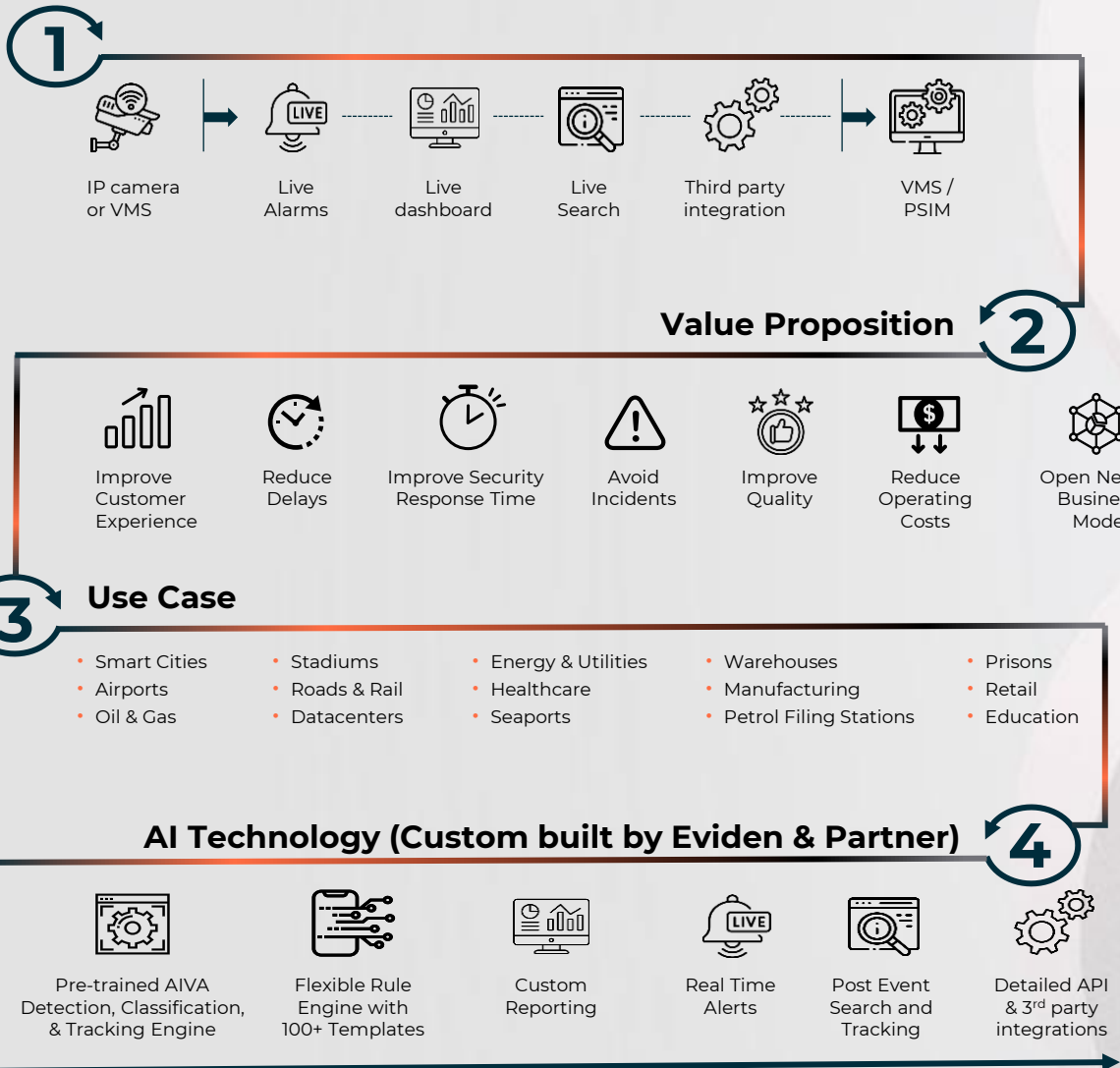
Intelligent alerting: It uses a patented scenario-based rule engine for precise incident alerts.

Post-event analytics: Supports real-time and post-event investigations, including cross-camera tracking of people and vehicles.

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How it Works

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IP camera or VMS → Live Alarms → Live dashboard → Live Search → Third party integration → VMS / PSIM

5 The Hardware

Hardware Products and Services

NVIDIA

BullSequana ES	BullSequana Edge	BullSequana EX	BullSequana SA20G	BullSequana X451
Plug-and-play analytics in a compact and ruggedized server	AI inference outside the data center	Envison trusted AI from edge to cloud	AI inference and training in the data center at edge	High performance and computing for AI training and inference

Cloud & Technology Partners

aws   Google Cloud   Azure   vmware   Red Hat

The Expertise

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Value Proposition

2

- Improve Customer Experience
- Reduce Delays
- Improve Security Response Time
- Avoid Incidents
- Improve Quality
- Reduce Operating Costs
- Open New Business Models

140+ Airport Projects

110+ Retail Projects

600+ Petrol Stations

50+ Nuclear, Oil, Gas & Energy Projects

160+ Government, CNI and Smart City Projects

Use Case

3

- Smart Cities
- Airports
- Oil & Gas
- Stadiums
- Roads & Rail
- Datacenters
- Energy & Utilities
- Healthcare
- Seaports
- Warehouses
- Manufacturing
- Petrol Filing Stations
- Prisons
- Retail
- Education

Why Eviden Computer Vision?

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51K+ Business & Technology Experts

Forged over **50 years** Industry Expertise

70+ Countries Global Patent Portfolio

#1 Security Provider with 16 Global Centers

Focus on Cloud, Digital & Security Solutions

Recognized by global market analysts

AI Technology (Custom built by Eviden & Partner)

4

- Pre-trained AIVA Detection, Classification, & Tracking Engine
- Flexible Rule Engine with 100+ Templates
- Custom Reporting
- Real Time Alerts
- Post Event Search and Tracking
- Detailed API & 3rd party integrations

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Customer Outcomes

Object tracking: Tracks and categorizes individuals, vehicles, and objects.

Rich metadata: Provides detailed object information on a GIS map, including shape, class, color, speed, and trajectory.

Intelligent alerting: It uses a patented scenario-based rule engine for precise incident alerts.

Customer Success

Company: A non-profit organization

Challenge: Mission to Net-Zero
- Solution: Comprehensive solution for carbon footprint monitoring.
- Automatic Number Plate Recognition (ANPR) technology at site entrances and exits.

Benefits: AI-based video analytics solutions for campus improvements, including addressing overcrowding and monitoring car parks for unauthorized vehicles.

Company: Maritime Commercial Facility

Challenge: To improve the operations of the busiest marine terminals, which were suffering from reduced traffic flow of vehicles entering and leaving the port.

Solution: A traffic management solution was deployed on 70+ cameras on roads and roundabouts.

Benefits: Operators in the control room were able to respond to congestion in real-time to improve the flow of traffic through the port.

Company: Petrol Filling Stations

Challenge: To optimize operations and improve health and safety at 240+ petrol filling stations.

Solution: Deployed 5,000 channels of Video Analytics integrated with a VMS and a PSIM to provide reports and alarms on-site and at the central headquarters.

Benefits: The system was rolled out across the petrol filling stations, increased security and safety, and collected valuable business data.

Eviden is your preferred digital, cloud, data, and security partner to help you realize your digital future. Together, Microsoft and Eviden are expanding the possibilities of data and technology, now and for generations to come.

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