

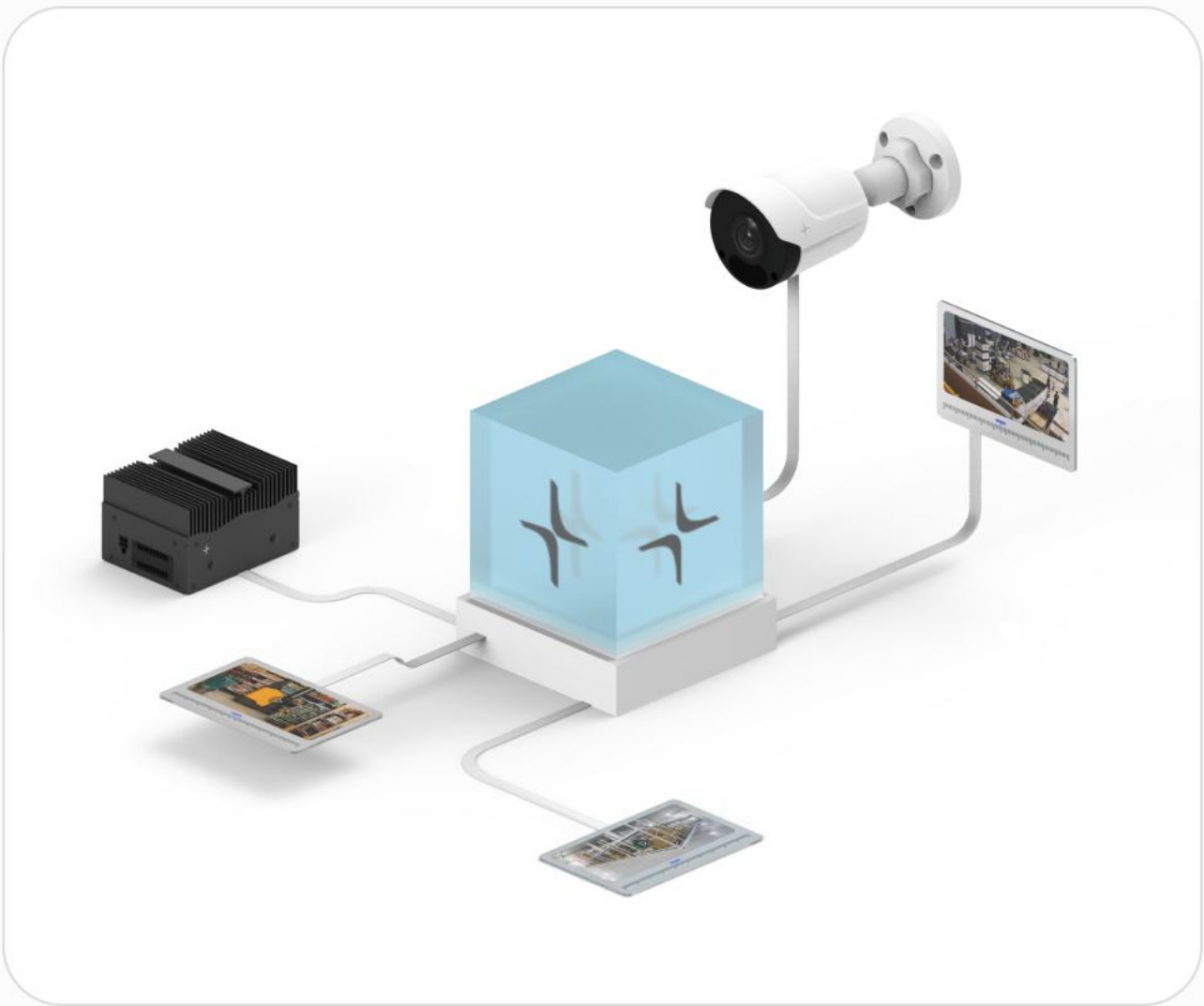


How to Choose the Best Enterprise AI Video Security System: Evaluation Checklist

Introduction

Safeguarding your business and physical environment is more important than ever. Enterprise AI video security systems are at the forefront, offering sophisticated tools to enhance visibility, threat detection, and operations. However, with so many options claiming AI capabilities, how do you determine which solution is best from a video security and AI performance standpoint?

Use this checklist to evaluate AI video security systems and find the best solution for your organization.



FACTOR ONE

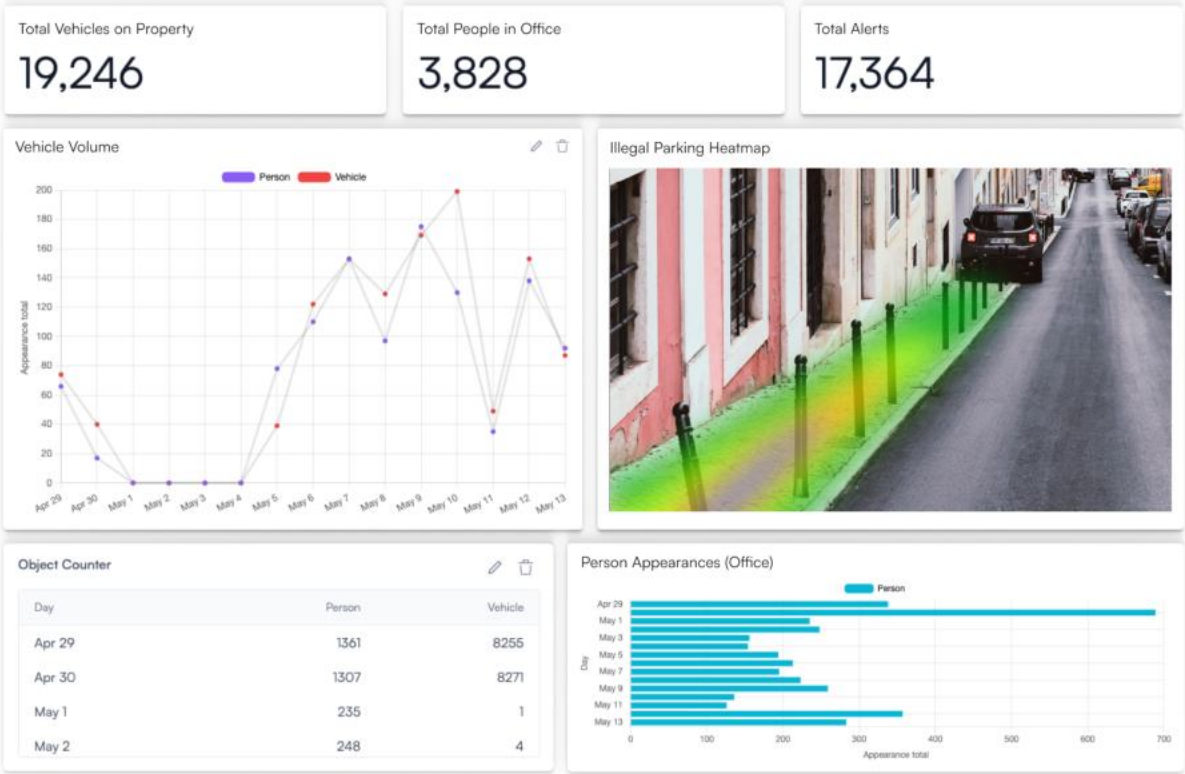
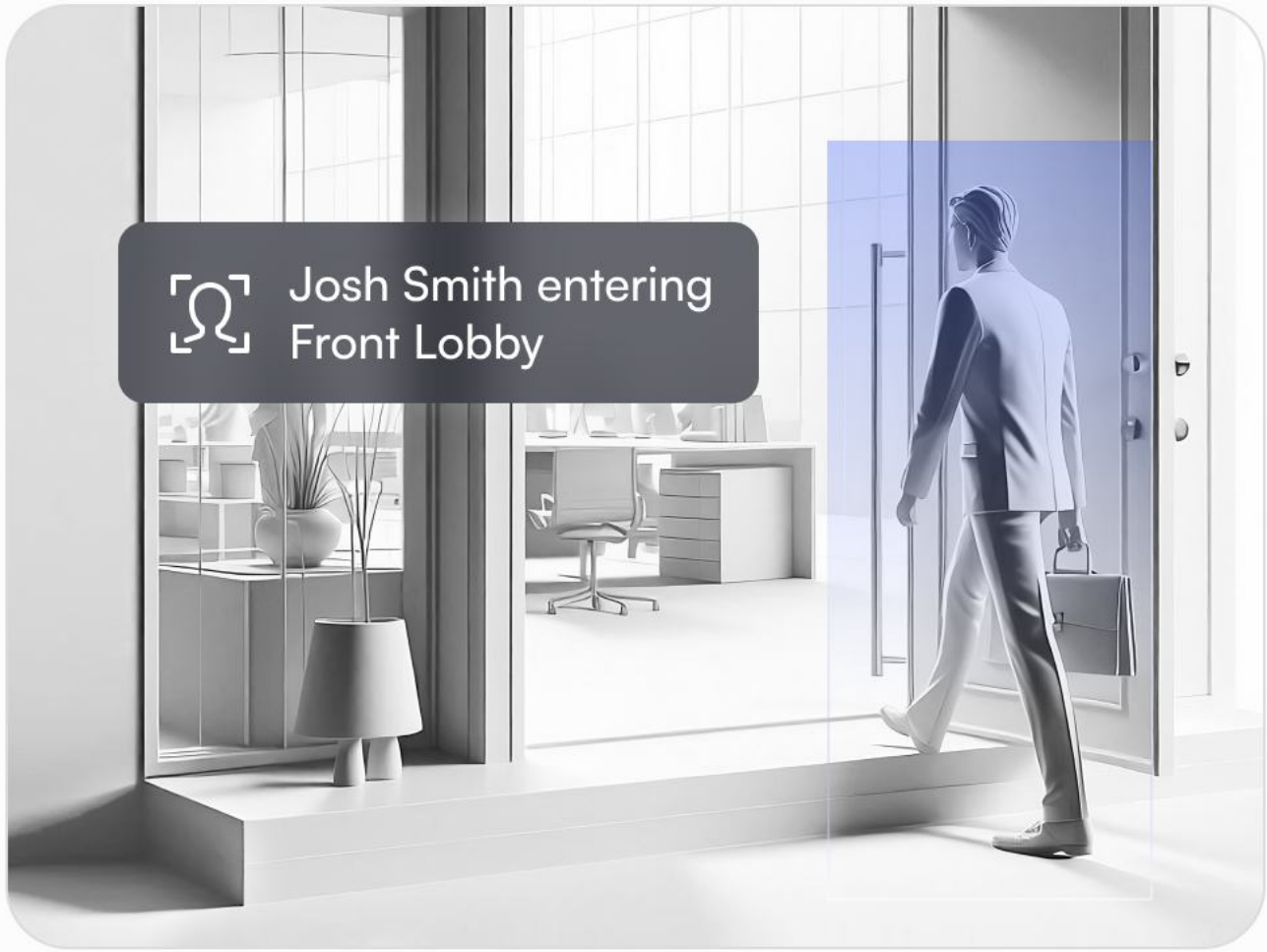
Accuracy and Performance

- ☐ **Are the AI models built in-house?**
Most vendors use AI from third parties. It's best to find a solution where the AI is developed in-house.
- ☐ **Is the AI processed using a hybrid approach?**
AI can be processed on-premises, in the cloud, or hybrid-cloud. Hybrid solutions tend to perform better.
- ☐ **Does the solution use GPUs for AI?**
Using dedicated GPUs enables better AI processing power, performance, and accuracy.
- ☐ **Can the AI detect people and vehicles?**
Any new video security system should detect these objects at the bare minimum.
- ☐ **Can the AI detect specific activity and behavior?**
To fully utilize AI video security, the system should understand and detect unwanted activity/behavior.
- ☐ **Is the AI accurate more than 80% of the time?**
70-80% is the industry benchmark for basic AI detection. Conduct control tests to determine accuracy.

FACTOR TWO

Integration Capabilities

- ☐ **Is the system camera-agnostic?**
Selecting an AI solution that works with existing cameras reduces complexity and costs.
- ☐ **Does the system have open APIs?**
Open APIs enable integration capabilities to deliver more value than just video recording and viewing.
- ☐ **Can you centrally manage the system?**
Having the ability to manage all hardware, locations, and users from one platform is critical.



FACTOR THREE

Advanced Analytics and Features

- ☐ **Does event detection happen locally?**
Events should be processed locally for immediate detection. Pushing to the cloud will slow processing.
- ☐ **Is the vendor AI-focused with their product?**
If you want the best AI performance, select a vendor that prioritizes visual AI vs hardware creation.
- ☐ **Is the AI self-learning?**
Unlike static models, self-learning AI models update based on your environment in real time.
- ☐ **Do AI alerts trigger in real-time (<1 second)?**
Test the latency and alert speed. Most video security systems encounter delays between 5-10 min.
- ☐ **Are AI alerts highly customizable?**
Alerts should offer advanced customization to identify critical events without manual monitoring.

FACTOR FOUR

Data Management and Security

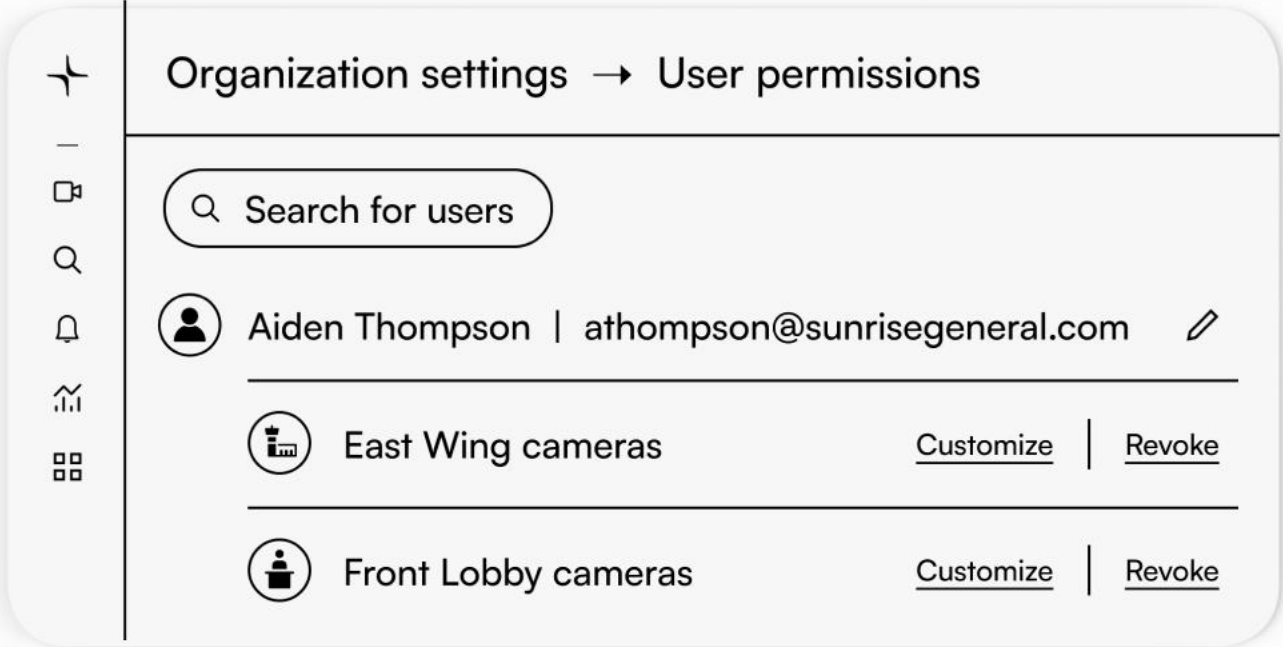
- ☐ **Is enterprise-grade cybersecurity standard?**
Hybrid-cloud architecture, end-to-end encryption, and auto updates provide complete peace of mind.
- ☐ **Is it NDAA and SOC2 compliant?**
At the bare minimum, the system should follow NDAA and SOC2 for data privacy and protection.



FACTOR FIVE

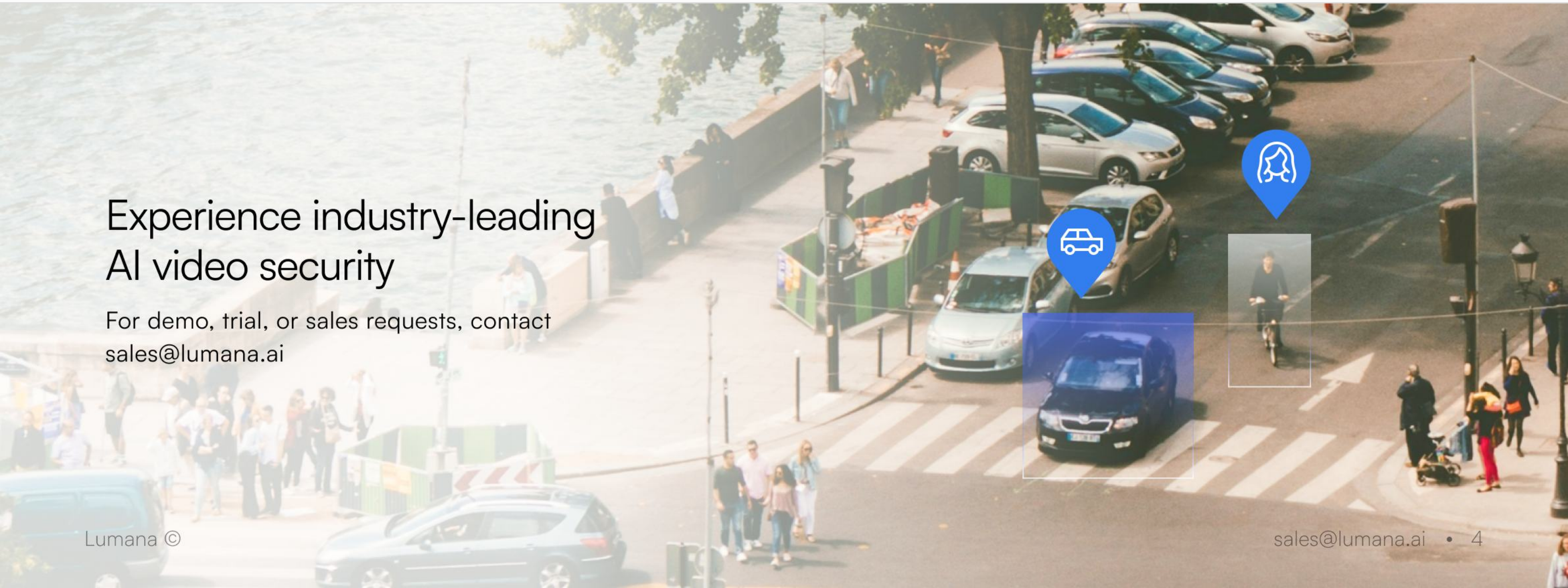
User Interface & Operational Ease

- ☐ **Can you access the system remotely?**
Web browser and mobile access reduces the burden of going on-site to view footage.
- ☐ **Is the software intuitive and easy-to-use?**
An easy-to-use solution will deliver more value and ROI than an overly complex one.
- ☐ **Is customer support based in the US?**
US-based customer support is critical in troubleshooting and overall user experience.



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Vendor



No



Yes

Notes:

Accuracy and Performance

Are the AI models built in-house?

☐☐

Is the AI processed using a hybrid approach?

☐☐

Does the solution use GPUs for AI?

☐☐

Can the AI detect people and vehicles?

☐☐

Can the AI detect specific activity and behavior?

☐☐

Is the AI accurate more than 80% of the time?

☐☐

Integration Capabilities

Is the system camera-agnostic

☐☐

Does the system have open APIs?

☐☐

Can you centrally manage the system?

☐☐



	No	Yes	Notes:
Advanced Analytics and Features			
Does event detection happen locally?	☐	☐	
Is the vendor AI-focused with their product?	☐	☐	
Is the AI self-learning?	☐	☐	
Do AI alerts trigger in real-time (<1 second)?	☐	☐	
Are AI alerts highly customizable?	☐	☐	
Data Management and Security			
Is enterprise-grade cybersecurity standard?	☐	☐	
Is it NDAA and SOC2 compliant?	☐	☐	
User Interface & Operational Ease			
Can you access the system remotely?	☐	☐	
Is the software intuitive and easy-to-use?	☐	☐	
Is customer support based in the US?	☐	☐	