

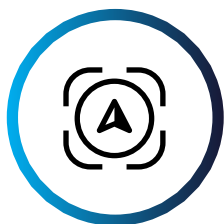
# YOUR INTELLIGENT SECURITY ASSISTANT

A PRODUCT BY **LENSEC**

## PRODUCT OVERVIEW

PAI is an LLM-powered AI assistant seamlessly embedded within Perspective VMS. Beyond simple command execution, PAI masters intent, context, and follow-up questions, enabling natural, conversational interactions and dynamic operators support across the entire system.

## KEY CAPABILITIES



Intelligent navigation using LLM



Enhance operational efficiency



Reduced manual workload



Work offline; no need for internet connectivity

## CORE FEATURES



### Multi- Turn Conversational

Natural-language chat assistant that asks follow-up questions and refines requests.



### Intelligent Navigation

Supports "Forensic Search"- Find events based on human-like requests:  
"Find me a person wearing black at Gate 3 yesterday after 9pm."



### Event Investigation

Receives and explains abnormal behavior or system anomalies detected across the VMS.



### Guided Incident Response

PAI provides recommended next steps to improve response times and consistency.



### Embedded AI Engine

No external integration – PAI runs efficiently inside the existing VMS architecture.



### Auto Video Extraction

Where users specify camera, start time, and end time, pai creates the video extraction in real-time.

## IDEAL USE CASE

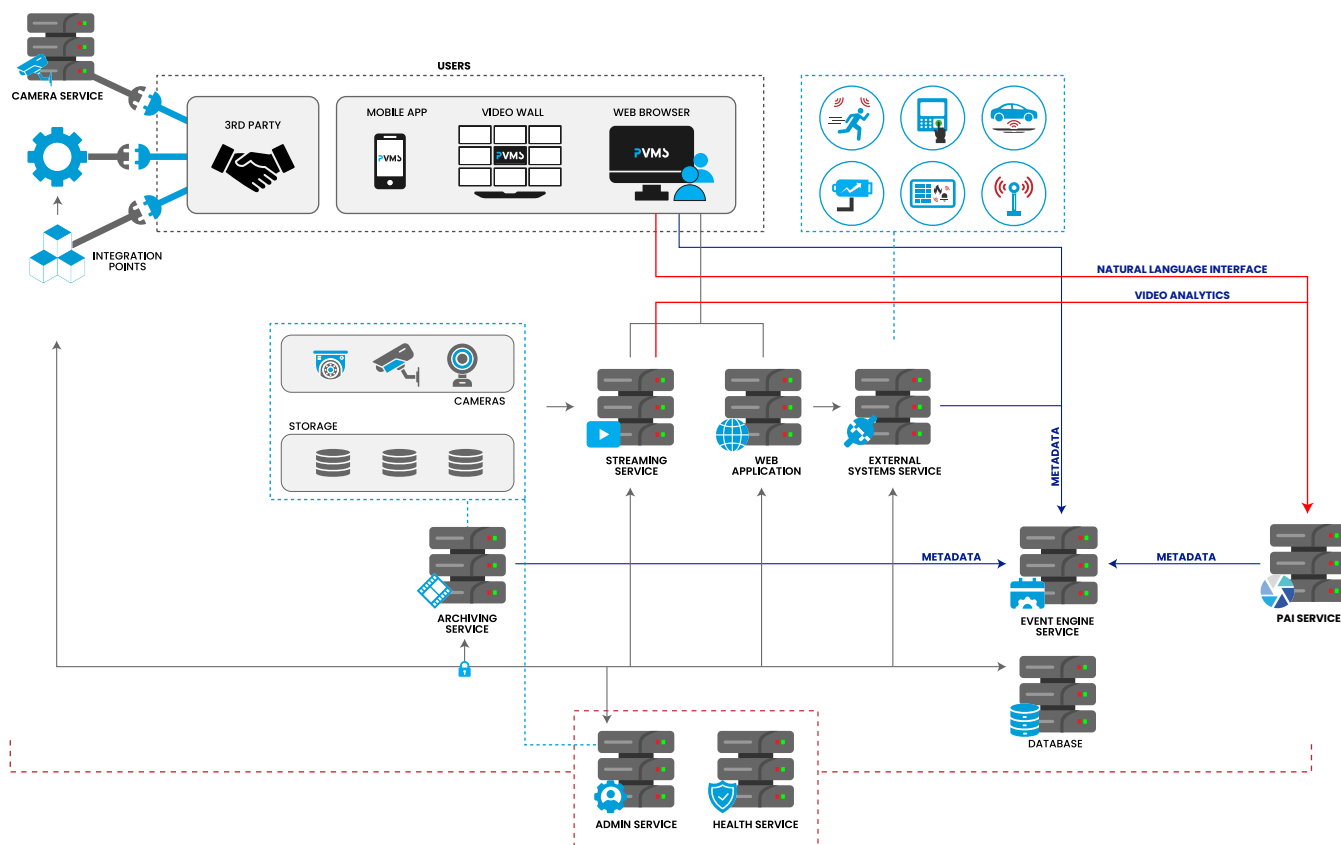
PAI is designed to enhance operator efficiency and decision-making within Perspective VMS by enabling intuitive, AI-driven interaction with the system.

PAI is especially suited for environments where operators must quickly navigate across cameras, maps, access control, and event data to investigate incidents and respond in real time.

By simplifying system interaction through natural language commands and centralized intelligence, PAI reduces operational complexity and accelerates incident response without requiring advanced technical expertise.

## ARCHITECTURE & INTEGRATION

- **Natural language command interface** enabling operators to instantly access cameras, maps, doors, and events—not limited to analytics search.
- **LLM-powered contextual analysis** to identify anomalies and highlight relevant events based on system data and operator queries.
- **Embedded natively within Perspective VMS** ensuring seamless interaction across administration, navigation, maps, search, cameras, and dashboards.
- **Real-time data correlation engine** combining video, access control, alarms, and system events into actionable insights.
- **Scalable and modular deployment** designed to operate efficiently across enterprise environments and multi-site infrastructures.



# NATURAL CONVERSATIONS. INTELLIGENT CONTROL.

## HARDWARE & SOFTWARE REQUIREMENTS

COMPONENT	SPECIFICATION
VMS Edition	Enterprise edition of Perspective VMS 7 or Newer
License	Operator activation license
CPU	Dual enterprise processors
Total CPU Cores	48 cores / 96 threads
AI GPU	1 high-performance AI GPU
GPU Memory	48 GB dedicated AI memory
System Memory	128-192 GB ECC RAM
Storage	2-4 TB high-speed NVMe SSD
Network	10-25 Gbps enterprise networking

## AI MODEL CAPACITY (ESTIMATED)

SCENARIO	SIMULTANEOUS AI USERS	CONCURRENT AI SESSIONS
Recommended performance	12-16 users	40-60 sessions
Typical operational capacity	16-24 users	60-100 sessions
Maximum throughput	Up to ~30 users	100-150 sessions
Description	Users generating AI responses at the same time	Total active user sessions the system can handle, including requests waiting or queued for processing

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