

# VerityAI for Smart Spaces

Build a smarter, safer future with AI-driven video intelligence

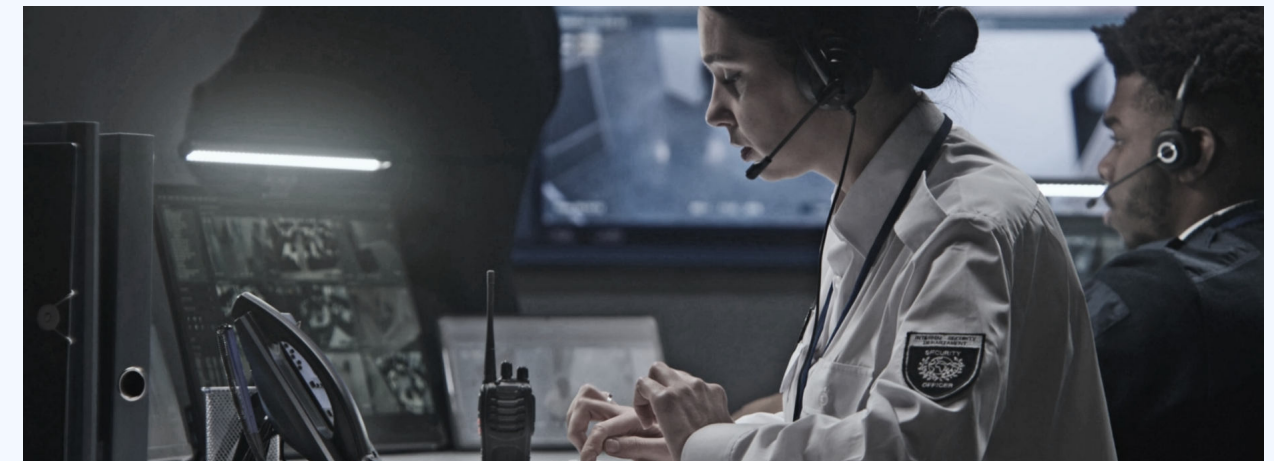
Could you identify a security threat in less than one second?



An overwhelming amount of video data from diverse video sources and sensor infrastructure makes manually monitoring feeds inefficient.



Slow, reactive responses to live security threats can increase the risk of escalations.



Compliance and data privacy laws can add a great deal of complexity to manual compliance and case management processes.

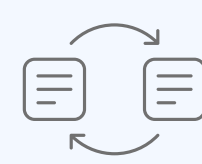
To stay ahead of potential risks, you need a security solution that offers AI-driven tools for



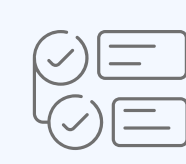
seamless case documentation



transcription



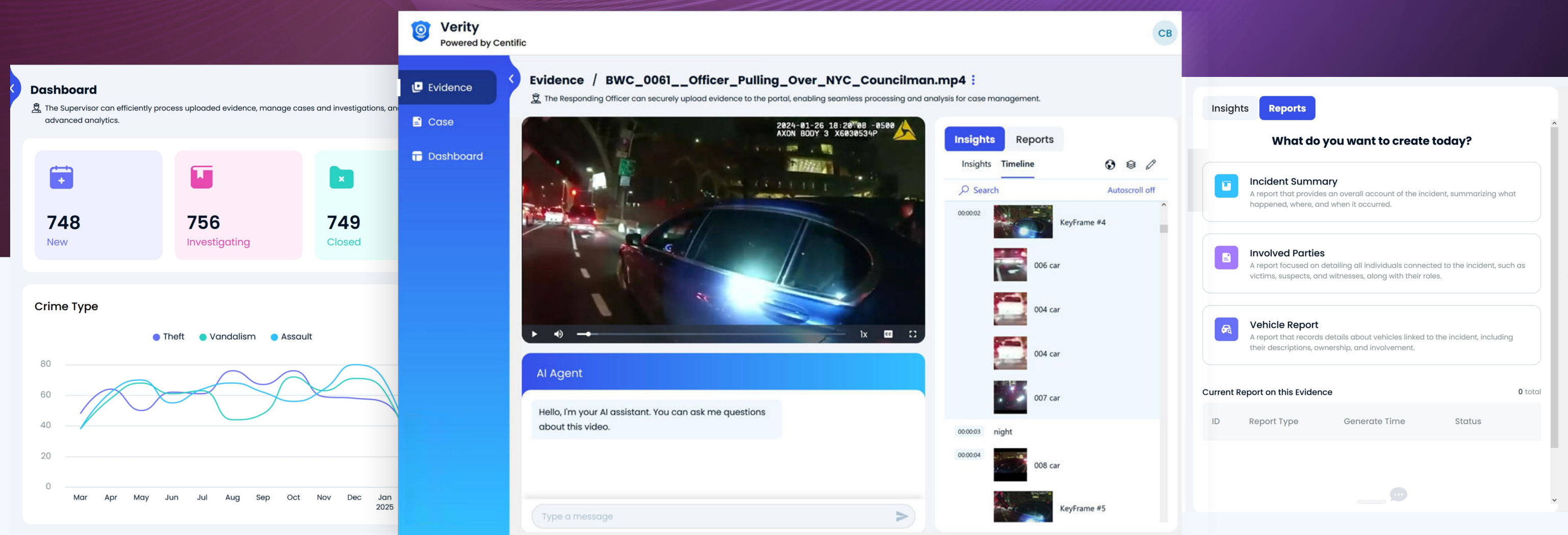
translation



task automation

## Introducing VerityAI – purpose built for smart spaces

VerityAI is a vision language model (VLM) that processes and combines visual and textual data to detect and analyze threats in real time, enabling personnel to make faster, more confident decisions. This AI-driven application transforms visual data from any source into actionable insights for safer public spaces.



### Accelerated by NVIDIA NIM™

VerityAI uses NVIDIA Metropolis and Triton™ Inference Server for video and AI analytics and NVIDIA Blueprint™ for video search and summarization.

### Fine-tuned AI with NVIDIA NeMo™

VerityAI enables synthetic data generation and model refinement with NVIDIA NeMo and NVIDIA Omniverse™ Replicator, delivering greater accuracy and regulatory compliance.

### Edge AI and secure computing

VerityAI supports on-premises and edge deployments on Dell hardware, and other validated hardware to support zero trust architecture and help ensure data privacy.

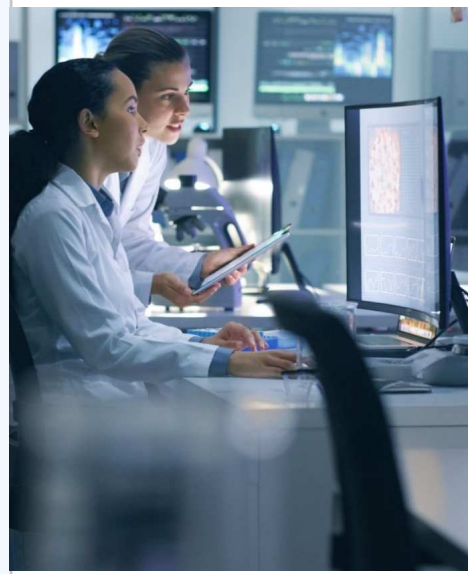
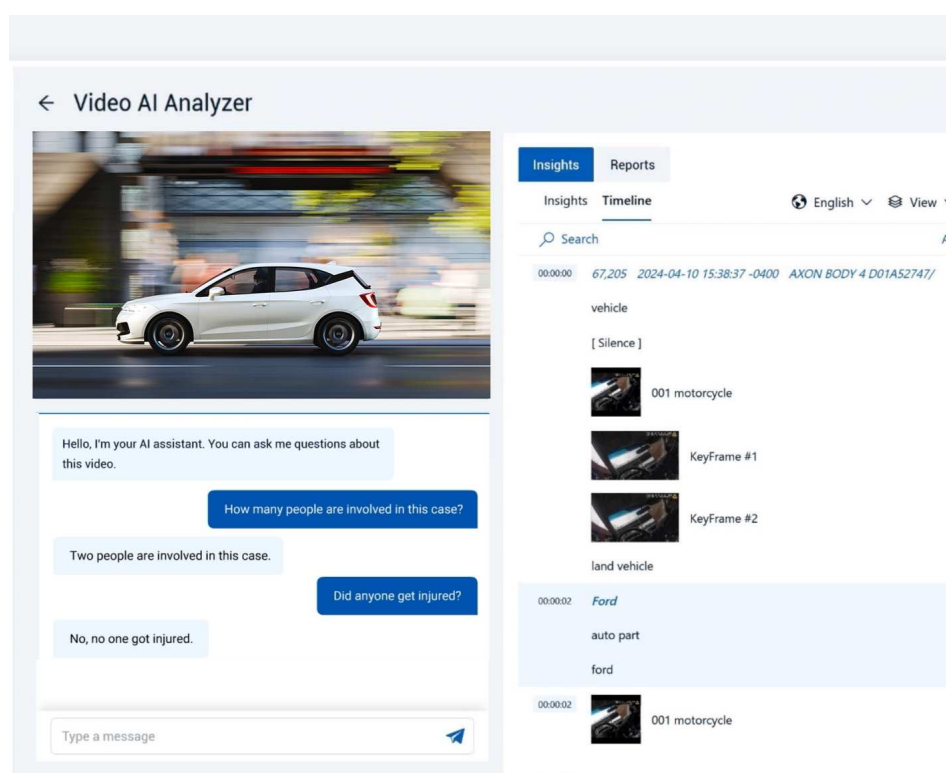


# VerityAI enhances situational awareness and automates critical workflows



## Public Safety

Analyze video sources to extract key entities and monitor real-time events to help ensure public safety



## Emergency medical services

Triage critical injuries, assess patient conditions, and streamline emergency responses



## Smart Buildings

Enhance security with AI-powered detection, automated case documentation, predictive analytics and rapid incident response



## Transportation

Analyze traffic patterns, prevent accidents, and support safer roadways



## Airports

Enhance security with anomaly detection, track passenger flow, and improve regulatory compliance

## See how organizations are leading with VerityAI

### Smart cities

A leading U.S. metropolitan city enhances urban safety and efficiency with VerityAI-powered smart detection and AI-driven analytics.

- Proactive public safety with real-time video intelligence
- Traffic and crowd management using AI-powered event detection
- Optimized city operations through automated insights and predictive analytics

### Hospitality

Centific aligned guest experiences with a visionary national development initiative by deploying AI concierge systems fine-tuned with NeMo™ Guardrails.

- Enhanced guest satisfaction through intuitive, accurate, and personalized responses.
- Optimized operations with smart resource management for greater efficiency.

## Explore the data-driven impact of VerityAI

**\$1.5** million reduction in annual operational costs.

**20%** improvement in commuter satisfaction

**99%** uptime in transit operations within the first three months

Take the next step toward safer smart spaces with VerityAI

Schedule a demo today by emailing [solutions@centific.com](mailto:solutions@centific.com)