



Smart Museum Solution

AI-Powered Security and Immersive Visitor Experiences

HIKVISION[®]

Museums are becoming more than places to preserve artifacts — they're becoming vibrant cultural hubs. Hikvision's solution drives this intelligent transformation, ensuring robust security while creating immersive visitor experiences through unified data management.

Major Challenges

1. Security Pressure: Rising visitor volumes overwhelm traditional security measures.
2. Fragmented Data: Independent sub-systems lack unified management and linkage.
3. Service Gaps: Static exhibitions fail to meet the demand for interactive engagement.

What We Offer



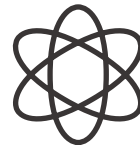
Comprehensive Protection

Ensures 24/7 safety for people, vehicles, and assets through intelligent early warning.



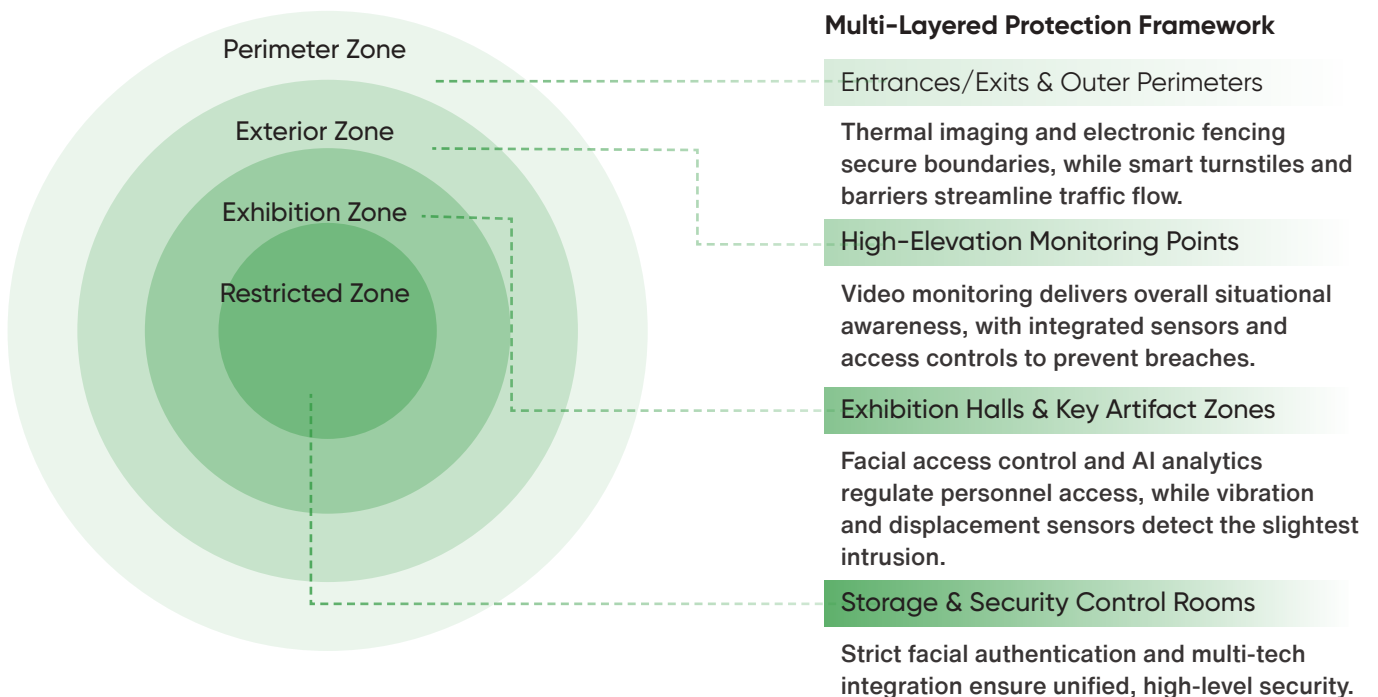
Enhanced Service

Creates intuitive, innovative visitor experiences while enriching cultural content presentation.



Smart Management

Enables unified management of multidimensional data via a visualized integrated platform.



Perimeter Zone

Perimeter Protection

Powered by the Guanlan large-scale AI model, Hikvision's thermal imaging delivers accurate detection in all weather conditions, effectively preventing intrusion.



Extended Detection Range & Minimized False Alarms



Personnel & Vehicle Management

Name-and-ID verification and ANPR-linked barriers streamline traffic, ensuring efficient "person-credential-item" matching.



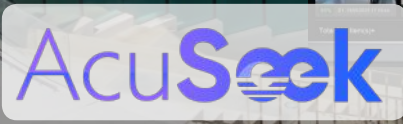
Exterior Zone

Emergency Alarm

One-touch alarm posts are strategically placed, allowing visitors to instantly call for security assistance in emergencies.

Intelligent Search

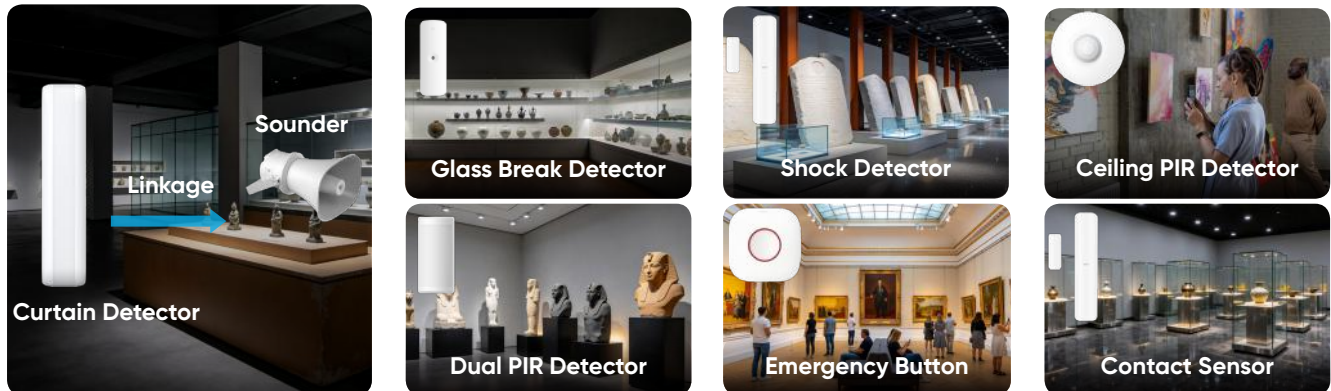
Hikvision's AcuSeek intelligent search enables quick retrieval of footage for lost items or persons via keywords, significantly improving efficiency.



Exhibition Zone

Intrusion Alarm

Non-contact detection secures artifacts with immediate audio-visual alerts, providing all-round protection for artifacts without physical barriers.



Audio Verification

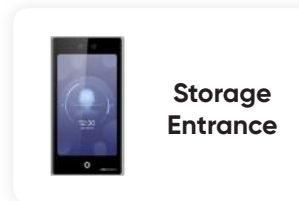
Array microphones monitor and analyze abnormal sounds in the venue to trigger real-time alerts for unusual situations.



Restricted Zone

Storage & Security Management

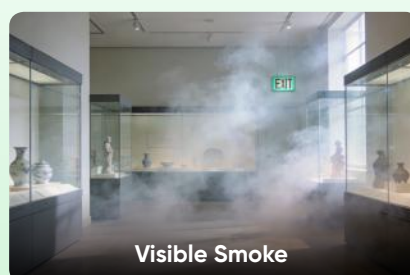
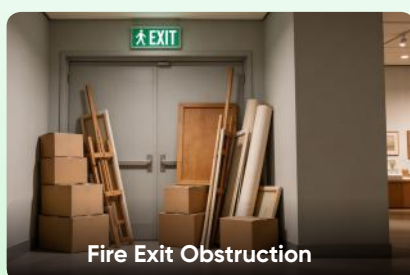
Strict facial authentication at entrances enforces access rules and protects critical assets.



Fire Early Warning

Thermal Imaging: Detects temperature anomalies for fire early warning.

Video Monitoring: Identifies fire hazards (e.g., smoke, blocked exits) via AI analytics.



- Visual Enhancement

Displays artifact stories and event updates via LED screens. Boosts exhibition appeal and enhances visitor engagement.

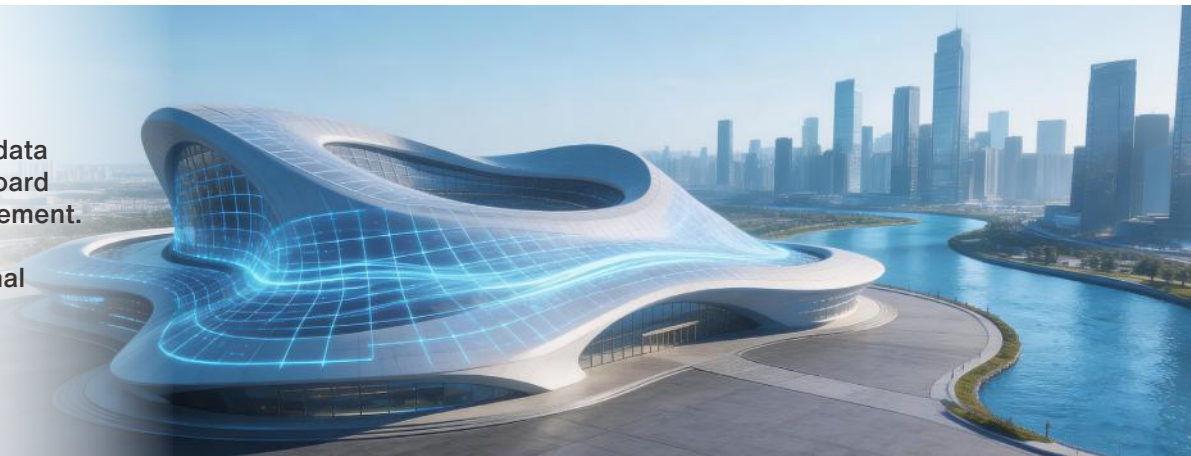


- Visitor Flow Analysis

Delivers real-time traffic data for evidence-based visiting strategies. Optimizes crowd management and staggered visiting hours.

- Digital Twin

Visualizes holistic data on a unified dashboard for intuitive management. Features accurate alerts and situational awareness.



- AR Live Map

Integrates live video with IoT data to overlay real-time information onto the live feed, improving emergency response efficiency through multidimensional visualization.



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