Illuminex AI
INSPECTION REDEFINED

PIDS AI

# Leverage AI to Enhance the Security of Your Airfield




## Detect, Alert, Log, Analyze

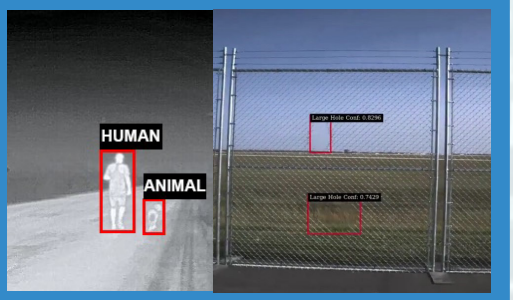
Enhance the security of your airfield by proactively identifying potential access points and unauthorized entry using our powerful family of sensor-fusion AI detectors.

Perimeter AI™ detects holes or gaps in the perimeter fence and verifies the presence and readability of perimeter signage. Any defects are alerted in real-time, automatically logged, and the location along with the sensor image is transmitted to the cloud for accelerated remediation and trend analysis.

Intrusion AI™ combines AI with visible light and thermal imaging to identify and distinguish between human and wildlife presence on the airfield. Real-time alerts are triggered for all detections, and the location and sensor image are stored in the cloud for further trend analysis.

This powerful combination transforms observations into actionable data, extending analysis beyond human capabilities and enhancing both airfield security and wildlife management.

# Transform observations into data, enabling actionable insights for safer and more efficient operations.




## Detect:

Detect holes and gaps in perimeter fencing and identify missing and unreadable perimeter signage.

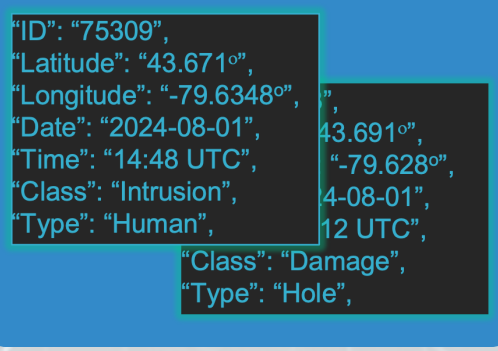
Differentiate among people and wildlife in unauthorized spaces.



## Alert:

Real time alerts on holes or gaps in fence or missing or damaged perimeter signage.

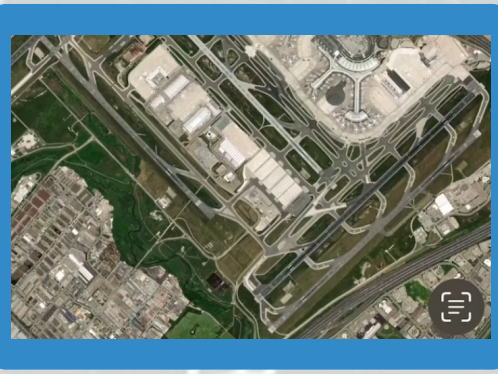
Real-time alerts when people, wildlife or vehicles are detected in unauthorized locations.




## Log:

Record time, location, type, and clip of sensor media containing the identified perimeter discrepancy.

Record time, location, sensor media of each intrusion event, and its type whether human, animal, or vehicle.



## Analyze:

Visualize historical discrepancies and identify common areas of damage to inform mitigation approaches.

Visualize historical intrusion events and identify common areas of human/wildlife entry to inform mitigation approaches.

info@illuminex.ai

Illuminex AI
INSPECTION REDEFINED