



**IMPROVE  
SECURITY**



**MAINTAIN  
SAFETY**



**IMPROVE  
OPERATIONS**



**MONITOR  
TRAFFIC**



**COLLECT  
DATA**

# A.I. solutions improving Safety, Security and Operational Efficiency



# AVIATION

Ipsotek's first airport deployment was in 2007, since then our Intelligent Video Analytics ("IVA") and Facial Recognition ("FR") solutions have been successfully deployed across thousands of cameras in more than 35 airport projects around the world. Our technology is trusted and approved by airport operators, airlines, transportation authorities and government Ministries of Interior and we currently protect more than 400 million passenger journeys per annum (based on ACI forecasts for 2018).



We understand the business challenges of operating an airport whilst maintaining a safe and secure environment for passengers and employees. Our innovative solutions cover; kerb-side, check-in & screening, immigration, departures, apron and air-side facilities.

Heathrow

Edinburgh Airport  
*Inspiring journeys*

مطار أبوظبي  
ABU DHABI AIRPORT

YYC CALGARY INTERNATIONAL AIRPORT

CHANGI  
airport singapore

Birmingham Airport

manchester airport

مشروع المطار الجديد  
MIDFIELD TERMINAL PROJECT

مطار حمد الدولي  
Hamad International Airport  
قطر QATAR

GRU AIRPORT AEROPORTO INTERNACIONAL DE SÃO PAULO

Liverpool John Lennon Airport  
*above us only sky*

Bristol Airport  
*Amazing journeys start here*

مطار العين  
AL AIN AIRPORT

Angkasa Pura | AIRPORTS

مطار البحرين الدولي  
bahrain international airport

GLASGOW AIRPORT

JAC  
Jordan Airports Company  
شركة المطارات الأردنية

مطار البطيخ  
AL BATEEN AIRPORT

Soekarno-Hatta International Airport

الإتحاد  
ETIHAD AIRWAYS

Dublin Airport

AÉROPORT TOULOUSE BLAGNAC

Muscat International Airport  
Gateway To Beauty & Opportunity

QATAR AIRWAYS القطرية

Belfast International Airport

Department for Transport

الشركة المصرية للمطارات  
EGYPTIAN AIRPORTS CO.

Salalah Airport  
Gateway To Beauty & Opportunity

GACA  
الهيئة العامة للطيران المدني  
General Authority of Civil Aviation



Ipsotek's scalable, software licensing model, enables up to 32 rules to be applied to a camera stream using a single, perpetual software license.

Examples of these rules are shown below.



Perimeter Protection with GPS Coordinates



Airsides Intrusion Detection



Exit Lane Anti-Backtrack Monitoring



Cargo Loading Zone Security



Controlled Critical Path Area Intrusion



Abandoned Vehicle Detection



Tailgating Detection



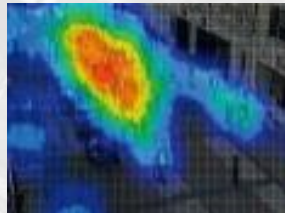
Wrong Direction Detection



Abandoned Object Detection



Crowd Counting



Heatmapping



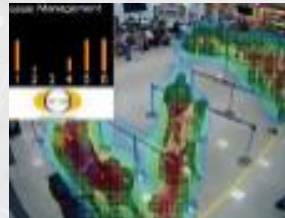
Journey Time Measurement



Smoke Detection



Face Recognition



Queue Measurement



Access Control Double Authentication



Traffic Monitoring



Tag and Track (Multi-Camera Tracking)



Baggage Line Intrusion



Forensic Search

**VISuite is our award winning Scenario-Based Intelligent Video Analytics (“IVA”) and Facial Recognition (“FR”) platform which incorporates behavioural analytics and A.I. to deliver powerful Operational, Safety, Security and Surveillance solutions for the Aviation sector.**

- Highly accurate pinpointing of target behaviours
- Low false alarm rate
- Rapid configuration and deployment
- Reliable detection in adverse conditions
- Tight integration with Edge Device Sub Systems



**Ipsotek has integrated with many of world’s leading security manufacturer’s products. These include.**

**A full list of our current integrations is available upon request.**

Advancis WinGuard | Avigilon Control Center | BAE Systems UVMS | Cathexis Vision | CNL IPSecurity Center | FLIR Chameleon | FLIR Latitude | Genetec Security Center | Geutebrück GeViScope | IndigoVision Control Center | Maxxess e-fusion | Milestone Xprotect | Pelco VideoXpert | Siemens Surveillance | Synectics Synergy3 | UTC Video Security Center | Vicon Valerus | Vidsys Enterprise

**For more information please visit  
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