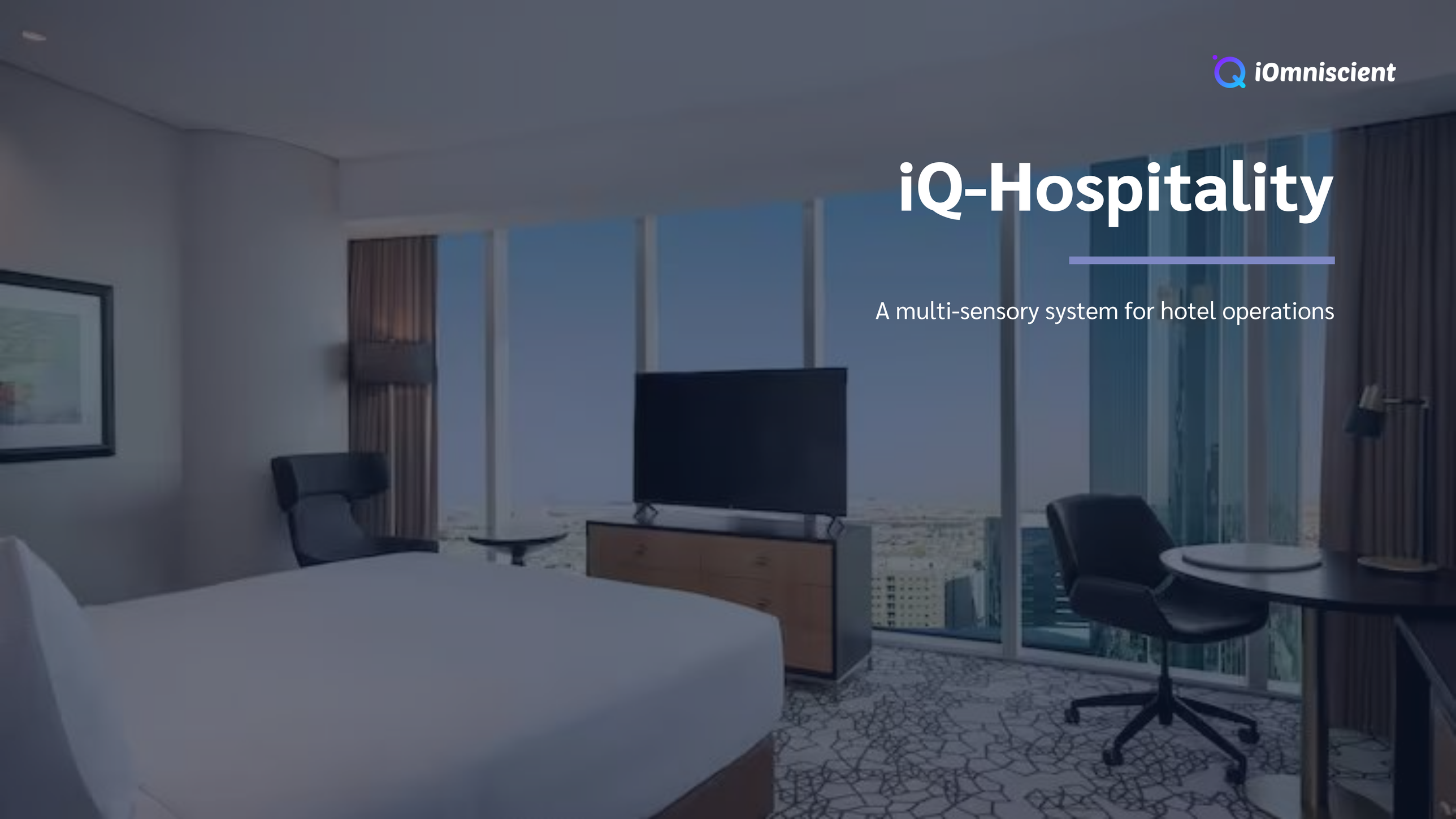


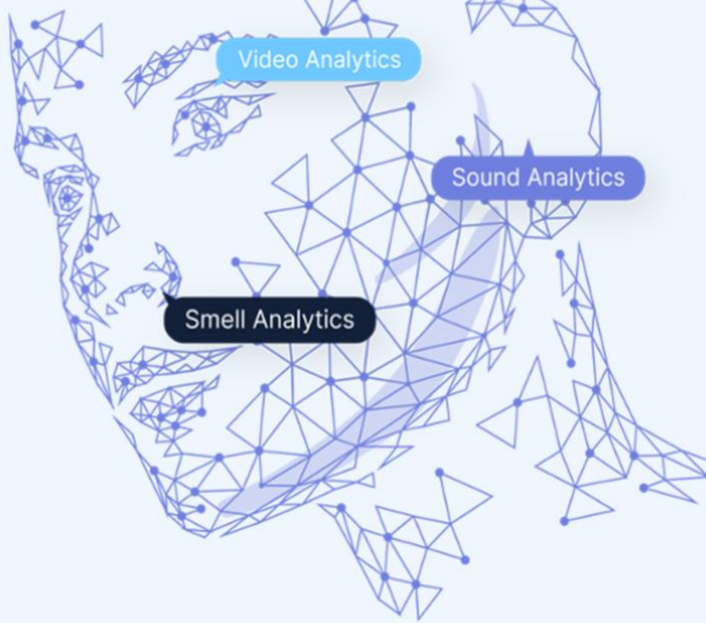
iOmniscient

iQ-Hospitality

A multi-sensory system for hotel operations

iOmniscient

Table Of Contents



1 Hotel-wide Outcomes

2 Operating Scope

3 Reception

4 Housekeeping and Safety

5 Car Park

6 Sustainable Systems

7 About iOmniscient

Click a number and go to the page

iOmniscient

Hotel-wide Outcomes

One system for guests, facilities, safety and parking

ONE HOTEL SYSTEM

A comprehensive system for hotels,
serving stakeholders in customer service,
health and safety, facilities management,
security and parking.

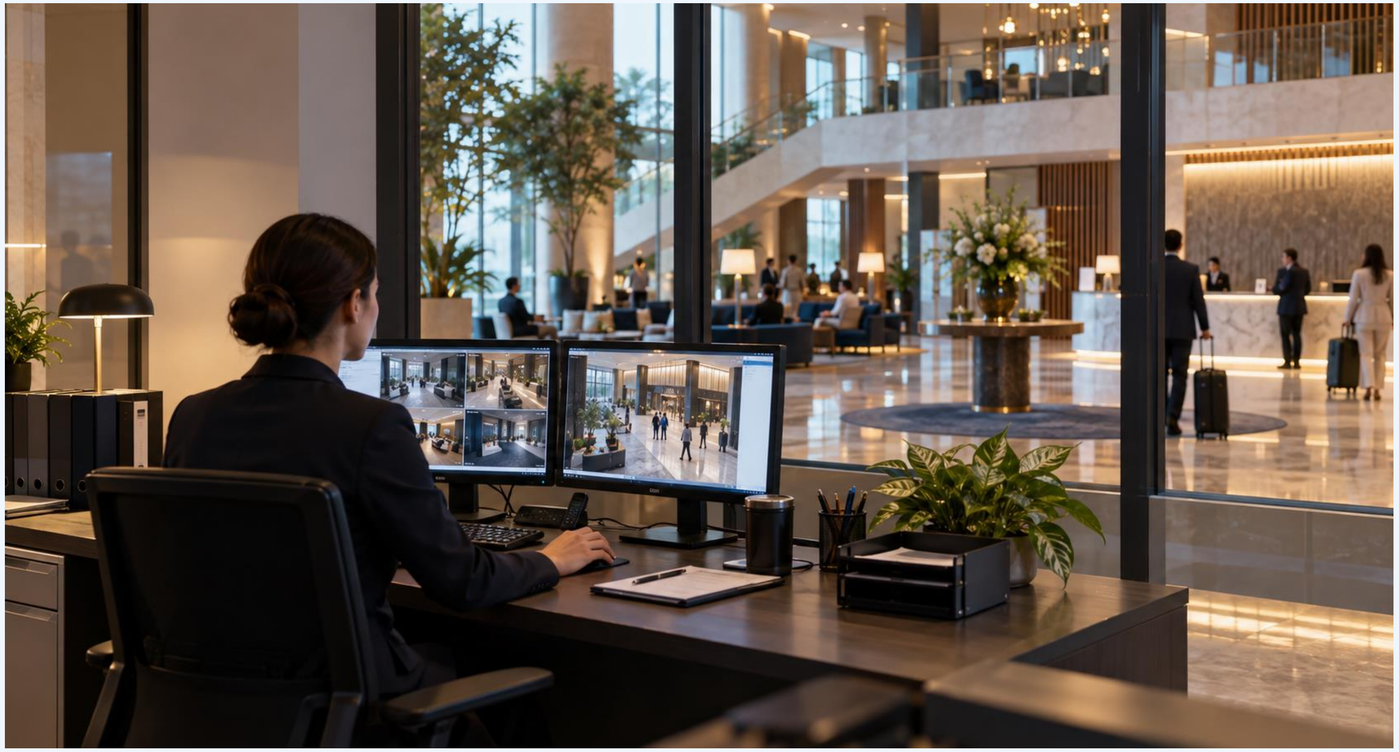
Faster check-in and better queue management,
safer and cleaner facilities, and more efficient parking.



iOmniscient

Cost and Operating Scope

Real-time AI across a shared hotel network
- Supports reception, housekeeping, health and safety, parking management and security.



SHARED NETWORK

Video Utility lets multiple stakeholders use the same network for different objectives without compromising confidentiality.

Cost effective, does not require expensive infrastructure, and operates in real time. The system can be less expensive to implement than a simple recording system.

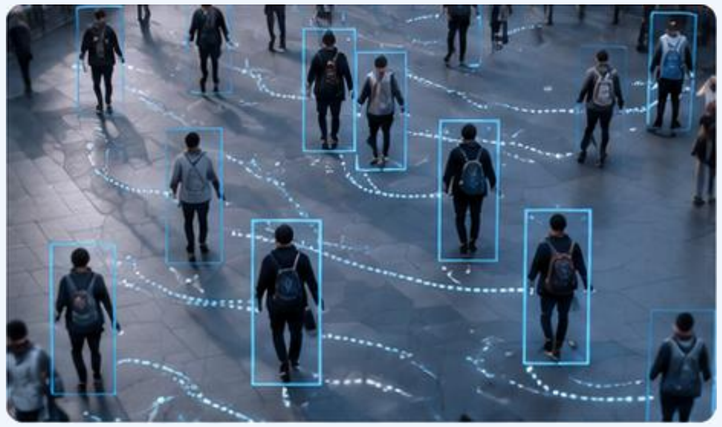
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Multi-sensory Foundation

Patented analytics for busy and crowded scenes



01 BEHAVIOUR / TRACKING



Behaviour analytics in busy and crowded scenes. Anonymized tracking of people and vehicles across non-overlapping cameras.

02 PLATE RECOGNITION



Multilingual license plate recognition for 130 countries, including multiple plates on the same car.

03 SOUND / SMELL / VIDEO



Sound analytics, smell analytics and advanced multi-sensory video capability are based on multiple patented technologies.

iOmniscient

Managing Reception

Faster arrival and a more informed front desk



ARRIVAL / QUEUE / RESPONSE

01 ARRIVAL

Recognize pre-registered VIP customers as they arrive for quick auto-check-in.

02 QUEUE

Manage queues and understand wait times.

03 SOUND

Detect staff abuse at reception through sound analytics.

iOmniscient

Housekeeping and Safety

Find corridor hazards and support response

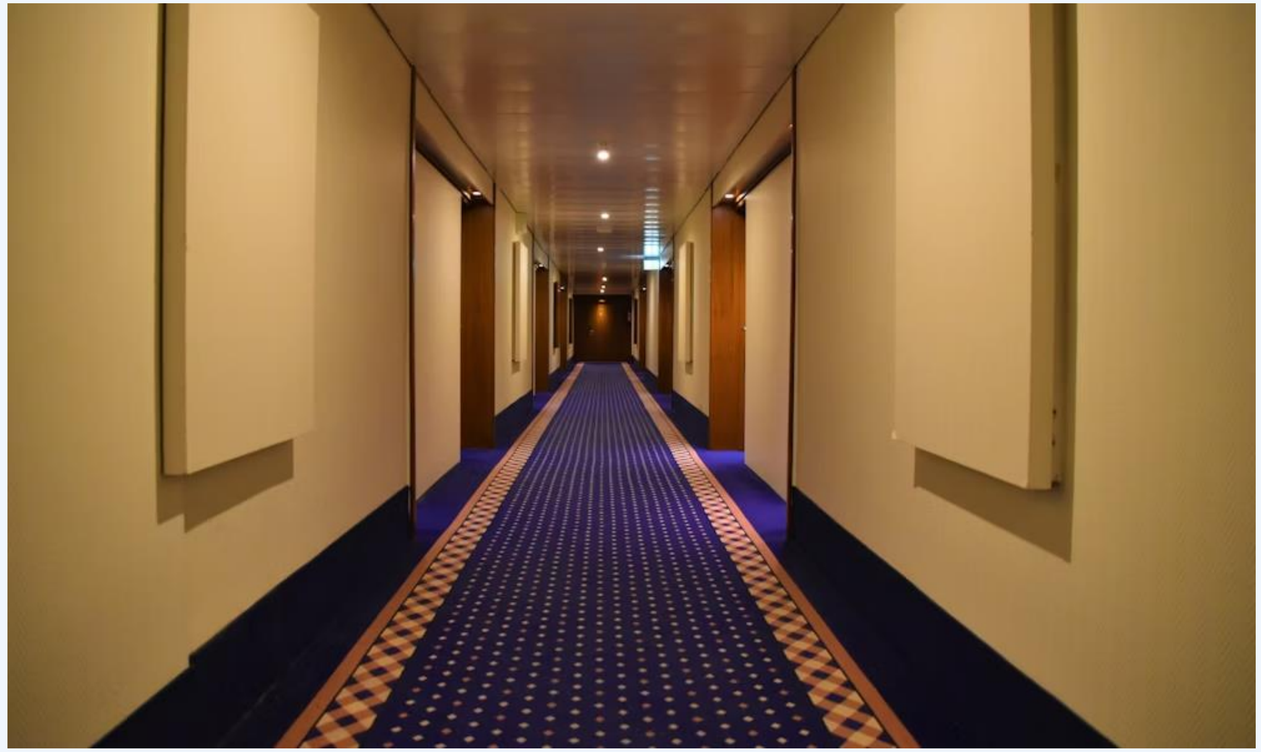
HOUSEKEEPING

Detect trays left in corridors and
advise House Keeping automatically.

SAFETY

Detect slips and falls, and smoke or fire
in places with high ceilings.

Support evacuation management
and autonomous response
to reduce need for security guards



iOmniscient

Car Park Management

Access, availability and incident detection



ACCESS

Automatic access for pre-registered vehicles in the car park.

AVAILABILITY

Help customers find vacant spots and ensure special reserved spots are not misused.

INCIDENTS

Detect fights and accidents in the car park.

iOmniscient

Sustainable Systems

Intel-based AI with lower power demand



All iOmniscient products run exclusively on Intel-based computing hardware. Advanced AI goes beyond Deep Learning.

INTEL-BASED COMPUTING

NO 3RD-PARTY GPUs

16× LOWER POWER

16× LOWER CARBON FOOTPRINT

Power use falls by a factor of 16,
resulting in a 16-fold reduction in carbon footprint.
The program helps customers implement Sustainable Systems.

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About iOmniscient

Partnership

All iOmniscient Products run exclusively on Intel based computing hardware using OpenVINO™

- The use of Advanced AI technology that goes beyond Deep Learning enables iOmniscient to run its systems without the need for 3rd party GPUs.
- This reduces the power required by a factor of 16 – resulting in a 16-fold reduction in the carbon footprint.
- This is just one part of a multi-faceted program to help customers to implement Sustainable Systems.

www.iomni.ai

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About iOmniscient

- iOmniscient is an **Ethical AI** company.
- It offers **multi-sensory (video-sound-smell) Artificial Intelligence based analytics for Autonomous Systems.**
- It focuses on ensuring **Outcomes** for its customers.
- With **over 2 decades of experience,** iOmniscient systems have been demonstrated to be **robust,** operating with high accuracy and few false alarms specially in **complex and crowded** environments.
- By design, its systems **reduce the cost of infrastructure** required:
  - they can use existing cameras
  - they require fewer cameras with lower resolution
  - they require 90% less storage and network bandwidth
  - they are computing light and require no GPUs
  - they allow autonomous operations requiring fewer personnel to operate
- iOmniscient has implemented projects in **70 countries.**
- With over **70 international patents** many of its capabilities are unique and unavailable from any other source.





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