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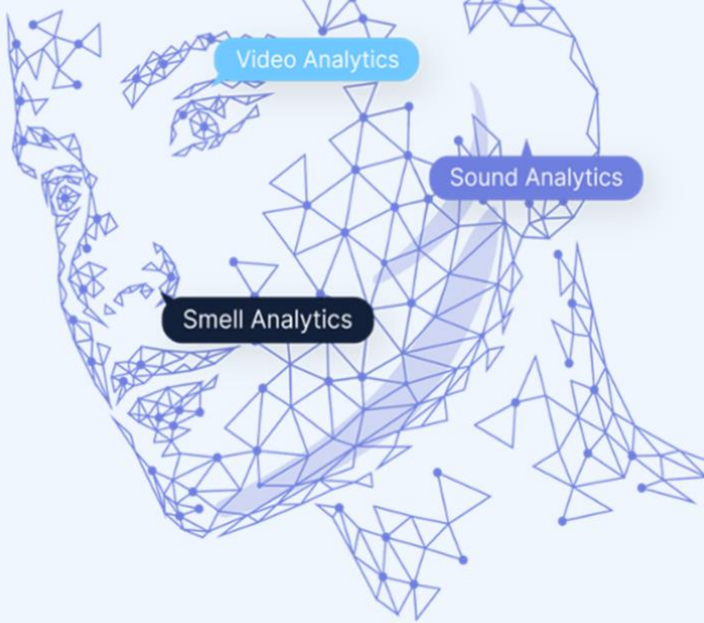


Anonymized Tracking

Privacy protected tracking and response across a camera network

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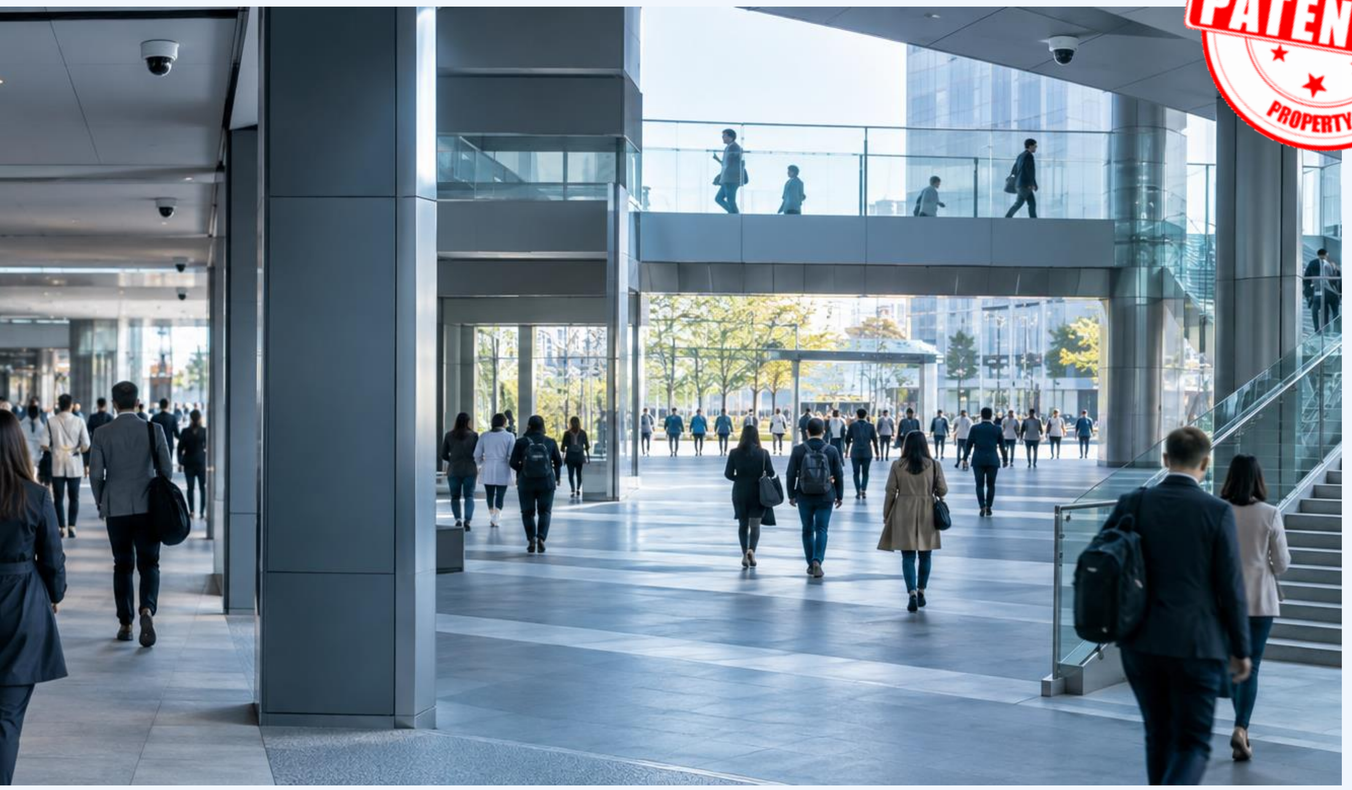
7 About iOmniscient

Click a number and go to the page

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Tracking in a Crowd

Anonymous metadata connects separated camera views





DETECT & CAPTURE

When an incident is detected,
images of the persons involved can be captured.

ANONYMOUS CONTINUITY

While the person cannot be identified by an observer,
the system maintains their metadata and can track
them on non-overlapping cameras within that network.

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Privacy and Response

System awareness without operator recognition

GDPR Privacy Protected

The system is fully privacy protected.
No passenger can be recognized by any operator of the system; the system is aware and can raise the necessary alarms.

Autonomous response directs action without exposing identity to an operator.

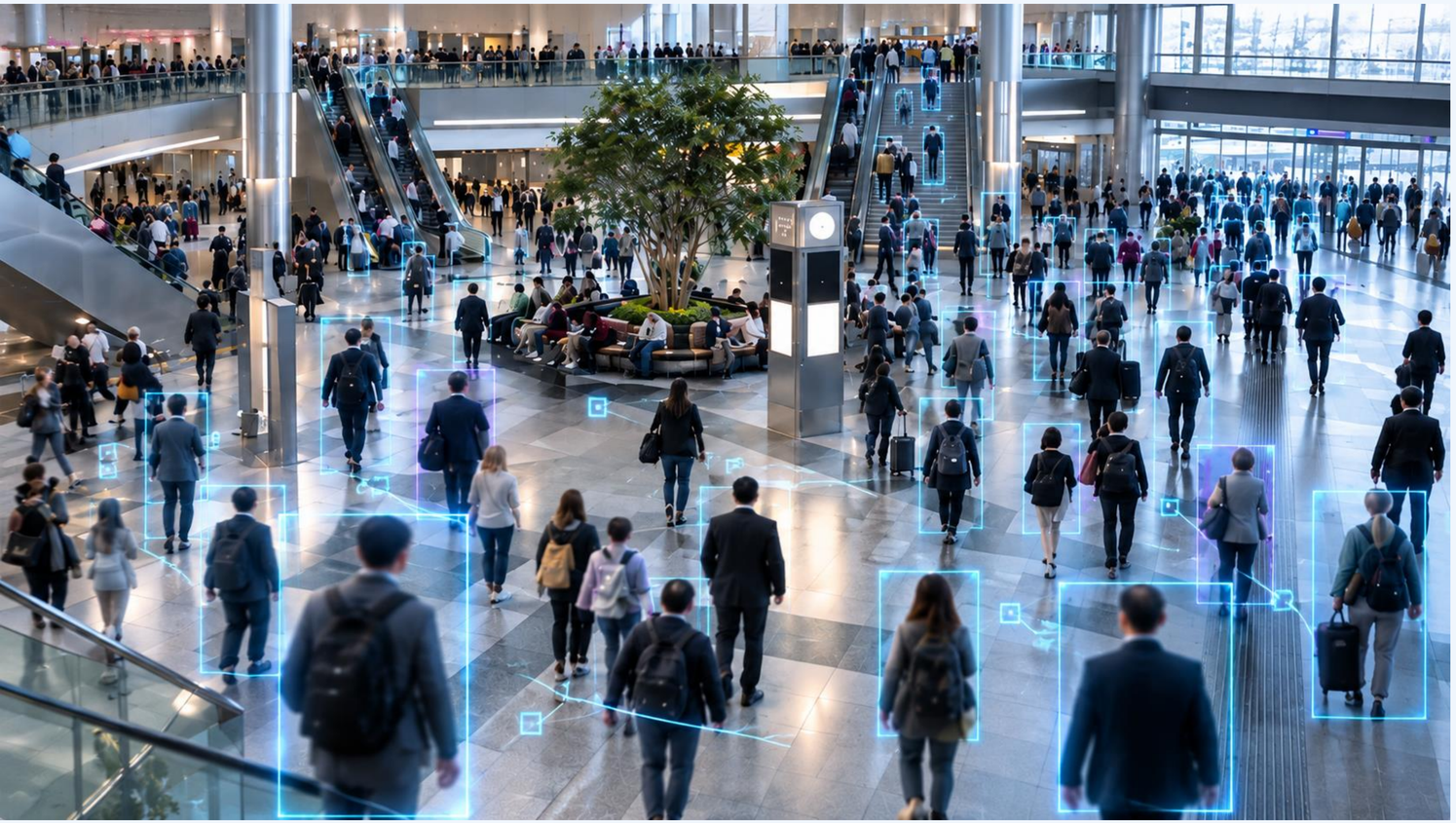
Once the system has located the person of interest, it finds the nearest appropriate responder and tells the responder where to go and what to do.



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Operating Range

Crowds, distance and camera resolution



01



AI for extreme crowds

The system can operate in very crowded scenes and at long distances, including long-distance detection.

02



Works with low-resolution cameras

It operates on low resolution cameras.

03



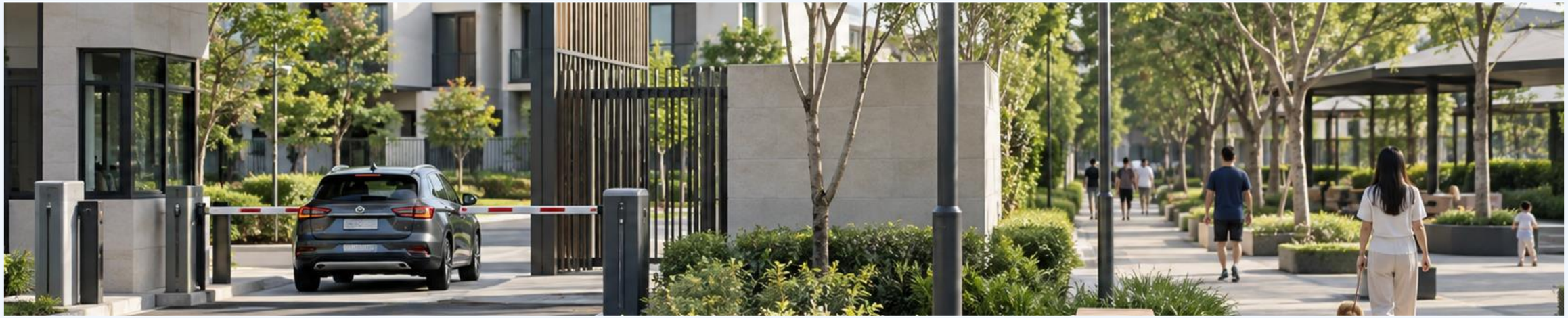
Hybrid AI needs No data annotation

No data annotation is required.

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Deployment

Custom design for safer communities



01 SAFER COMMUNITIES

For safer, more pleasant precincts and gated communities, with privacy protected for citizens and enhanced well-being.

02 CUSTOM DESIGN

We custom design and implement a system based on the outcomes most important to you, directly or through accredited implementation partners.

03 QUICK DEPLOYMENT

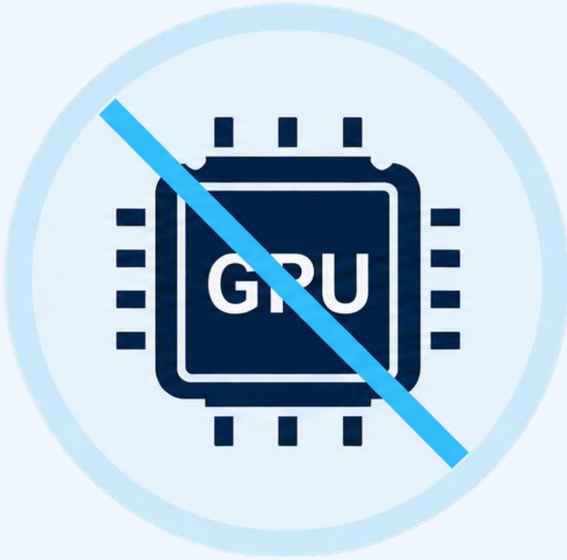
You do not have to be an expert in Artificial Intelligence.

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Lean Infrastructure

Real-time tracking with lighter deployment demands





The system is less expensive to implement than less intelligent systems and helps reduce the cost of infrastructure required.

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Experience and Scale

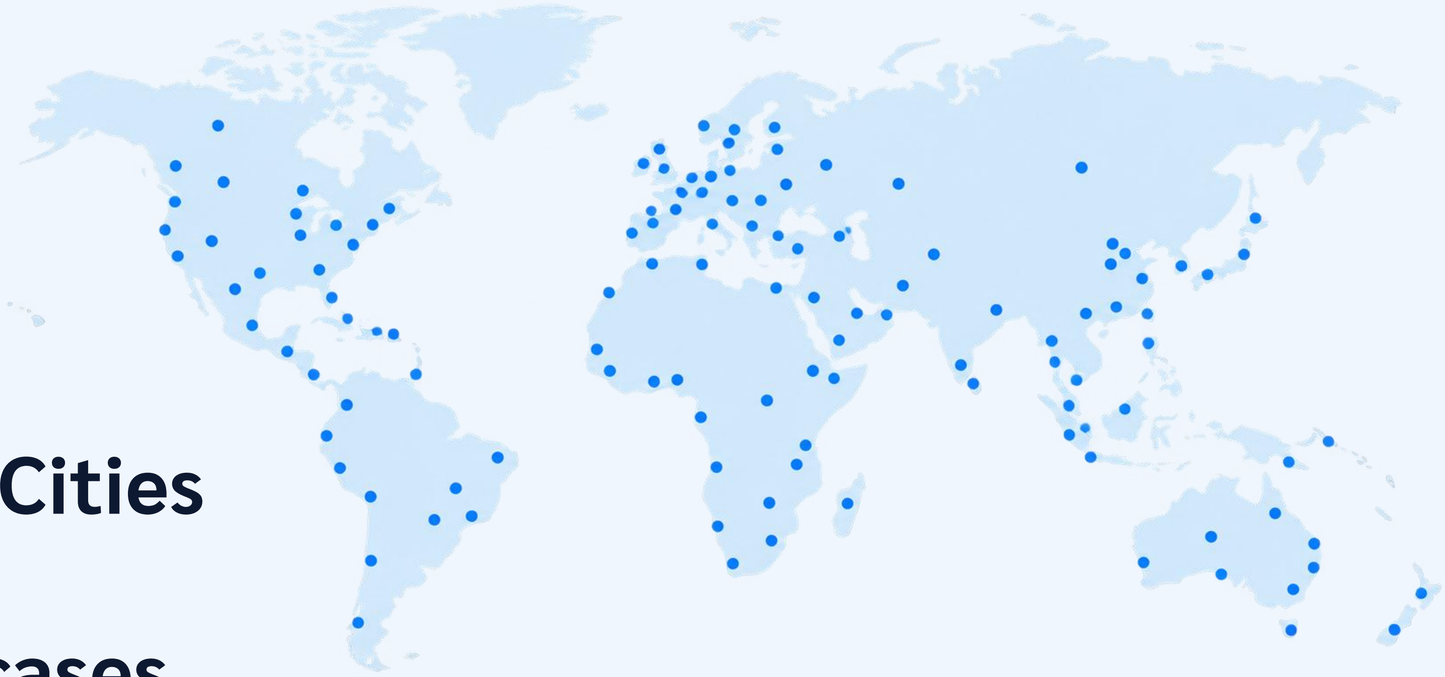
A proven range of implementations

70+ Countries

30 Industries

Used by 75 Smart Cities

300+ Proven use cases



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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

enquiries@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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