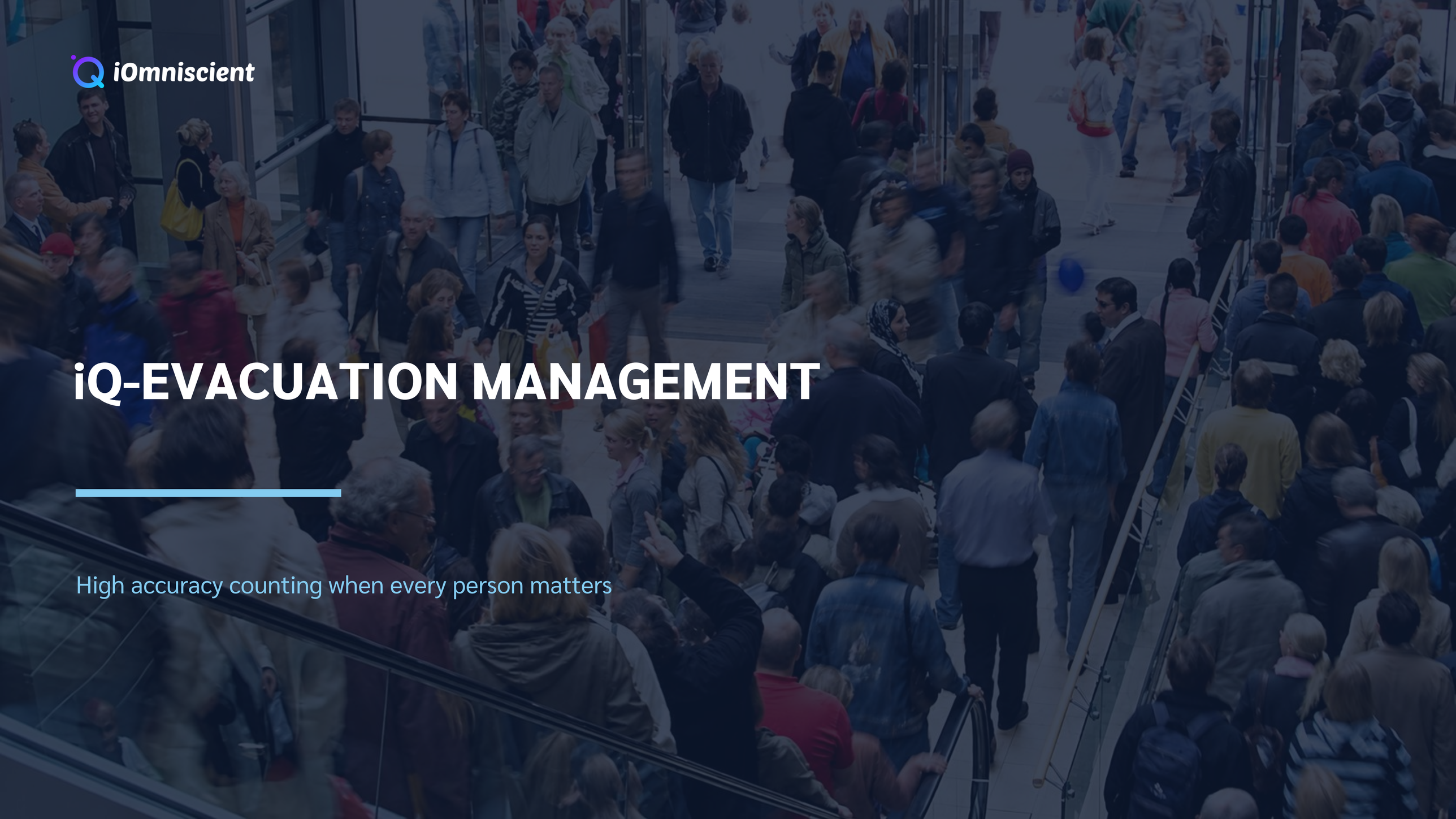


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iQ-EVACUATION MANAGEMENT

High accuracy counting when every person matters

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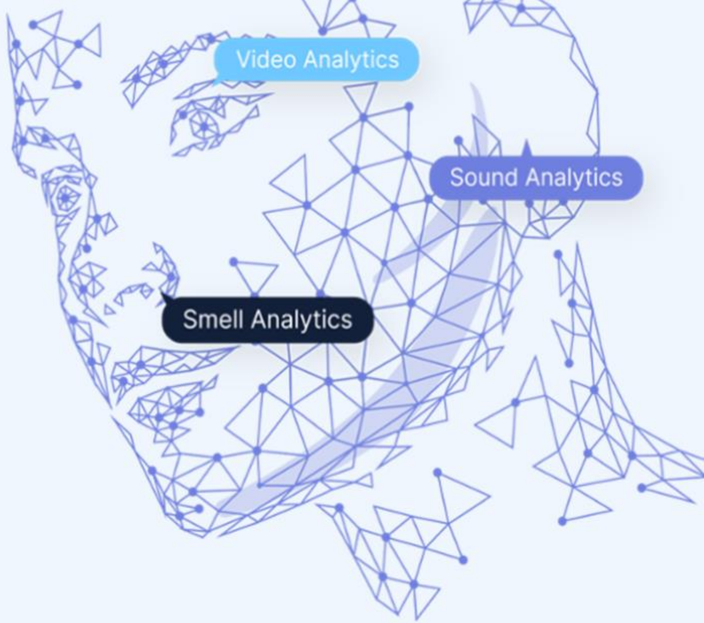
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Evacuation Count

Crowded exits demand greater accuracy than marketing counts

COUNT EVERY PERSON

In an emergency, people may be shoulder to shoulder.

A very high accuracy exit count helps determine whether anyone remains inside.



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High Accuracy Counting

Very high accuracy counting even in densely crowded scenes

CLOSE TO 100%

Evacuation counting operates very close to 100% accuracy.

DENSE CROWDS

Counts people passing through even when they are packed shoulder to shoulder.

EVACUATION CHECK

A very high accuracy exit count helps determine whether anyone remains inside.

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From Exit to Count

The count focuses on people passing through a crowded exit

01

OBSERVE

Cameras view the exit during evacuation.

02

EXAMINE

A special radar-like capability built into the cameras examines head and shoulder contours.

03

COUNT

It produces a high accuracy count of people passing through.

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Fast Deployment

Little or no training enables fast implementation

Conventional Training

Large labelled datasets can take months
or years to prepare.

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The evacuation counting system requires
no labelling or training and
does not require GPUs.

iOmniscient’s AI algorithms
enable implementation in hours or days.

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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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