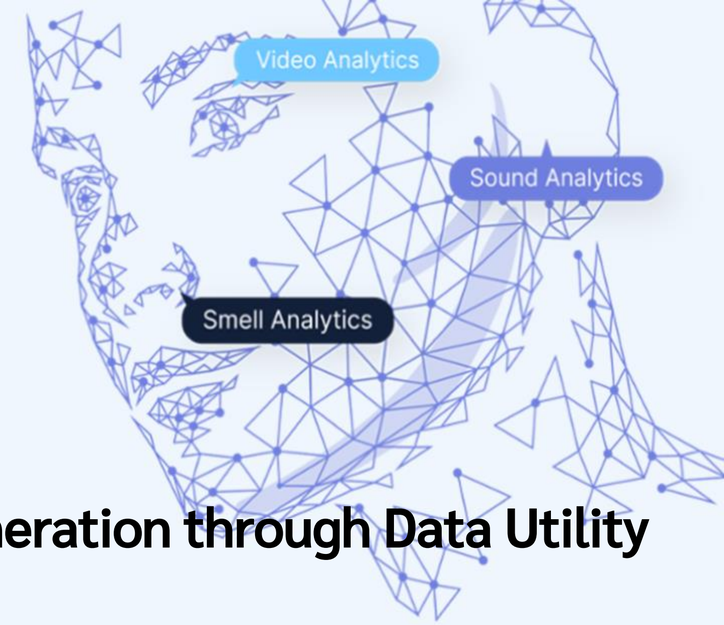
iOmniscient



SMART CITY & COUNCIL SOLUTIONS

iOmniscient

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Smart Intelligence

iOmniscient’s multi-sensory AI enables city councils to enhance safety, improve mobility, and generate new revenue while reducing infrastructure costs.



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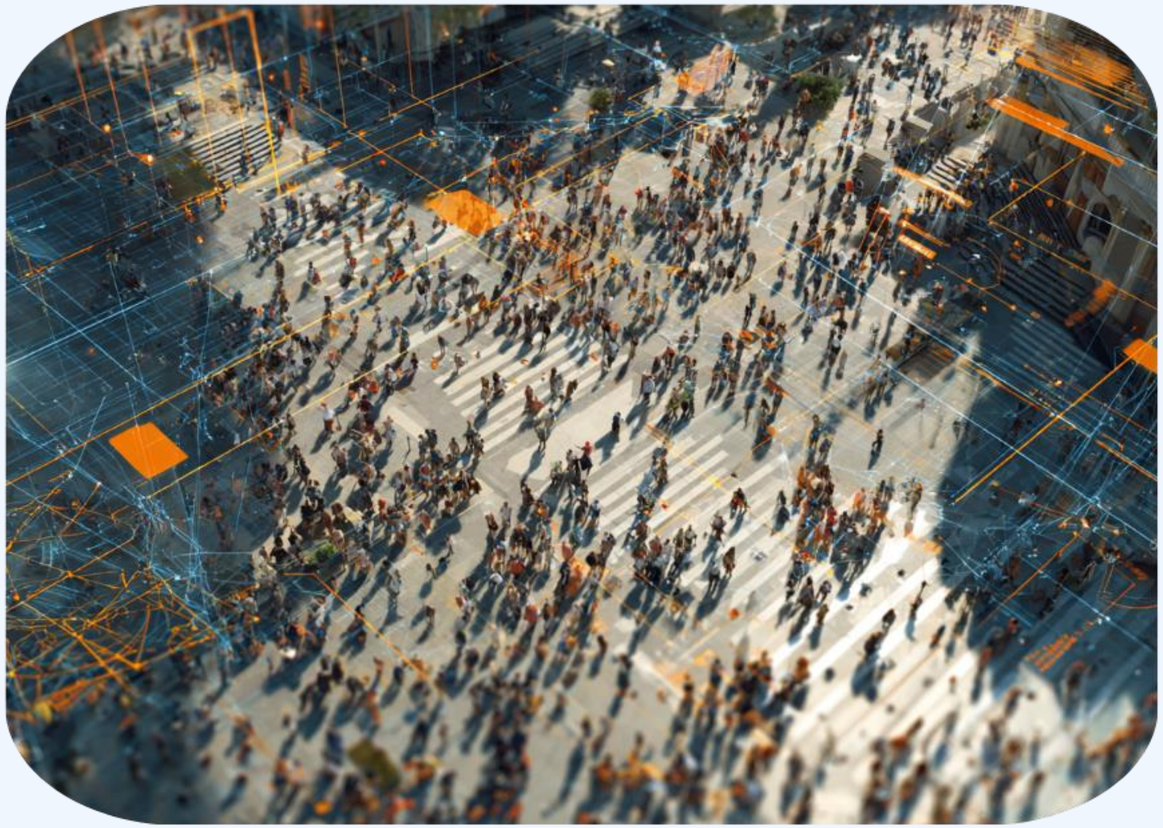
Urban Safety & Emergency Management

- Detects fire, flood, and infestations
- Identifies illegal dumping and vandalism
- Tracks pedestrian movement and traffic violations
- Autonomous responder dispatch with guided instructions



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Smart Events & Crowd Analytics



- Estimates crowd density and flow in real time
- Detects stampede risks and missing children
- Provides live crowd maps for public websites
- Helps plan future events using data-driven insights

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Sustainable Parking & Traffic Systems

- Enables meter-free smart parking
- Detects prolonged illegal parking
- Counts and classifies vehicles for maintenance and optimization
- Integrates seamlessly with existing city infrastructure



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Revenue Generation through Data Utility

Cities can monetize anonymized data through the patented Video Utility model — offering analytics access to third parties such as advertisers and emergency services.



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Privacy & Ethical AI

Each department accesses only authorized information — ensuring transparency and data sovereignty.

Police can view faces, while traffic management systems see only license plates — guaranteeing that every dataset is used responsibly and ethically.



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Cost & Scalability

Deployable city-wide using existing cameras, reducing costs up to 7× compared to traditional systems.



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iOmniscient & intel

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

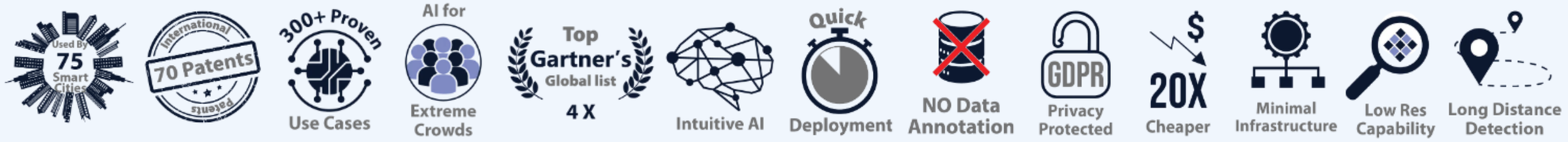
enquiries@iomni.ai

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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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