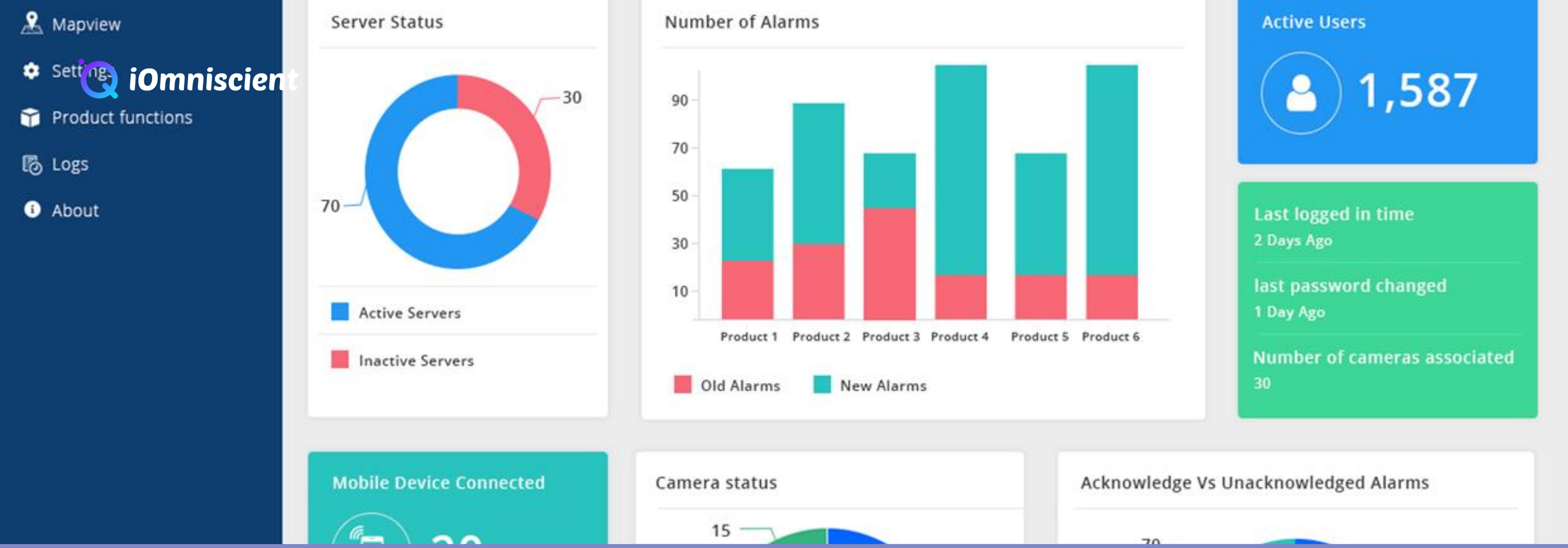


ASAP

Autonomous Smart Action Platform

The new way to understand what is happening in your environment

iOmniscient

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Platform purpose

One environment brings event information and response into view

One operational view

ASAP supports alert management, maps, management dashboards, reporting, predictive information, responder coordination, and privacy protected operation.



TECHNICAL FOUNDATION

- Encrypted Privacy Protection
- INTUITIVE AI with no Deep Learning or GPUs supports fast deployment.
- Autonomous response reduces the need for a control room.

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Unified analytics

Video, sound, and smell analytics operate within one environment



VIDEO

Crowd behavior, anonymized tracking across non-overlapping cameras at long distances

SOUND

Recognition of 100 sounds, from gunshot to people shouting

SMELL

Detection of conditions ranging from gas leaks to sanitation issues

INTUITIVE AI
No Deep Learning
No GPUs, Fast Deployment

COMPREHENSIVE
Autonomous Multi-Sensory Analytics (video, sound & smell)

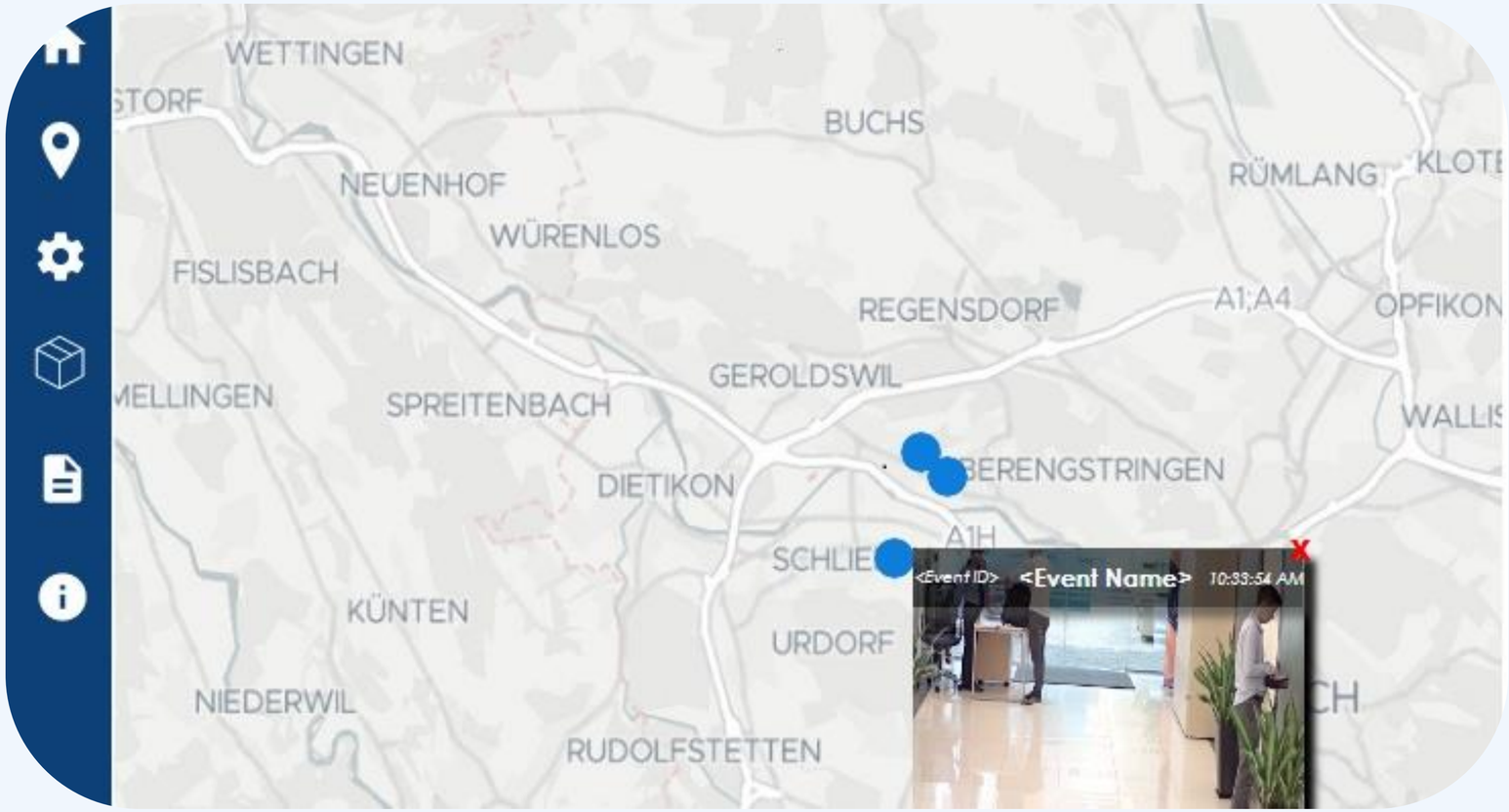
SAFETY
Encrypted Privacy Protection

AUTONOMOUS RESPONSE
Reduced requirement for a control room

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Situational awareness

Maps combine location, sensor status, live views, and event video



From global view to region of interest

Operators can see colour-coded sensor status, known responders, and emergency services. They can open a live sensor view or Jump-to-Event video.

Alerts can travel by email, SMS, mobile app, or another configured mechanism. The system tracks acknowledgements and outstanding alerts.

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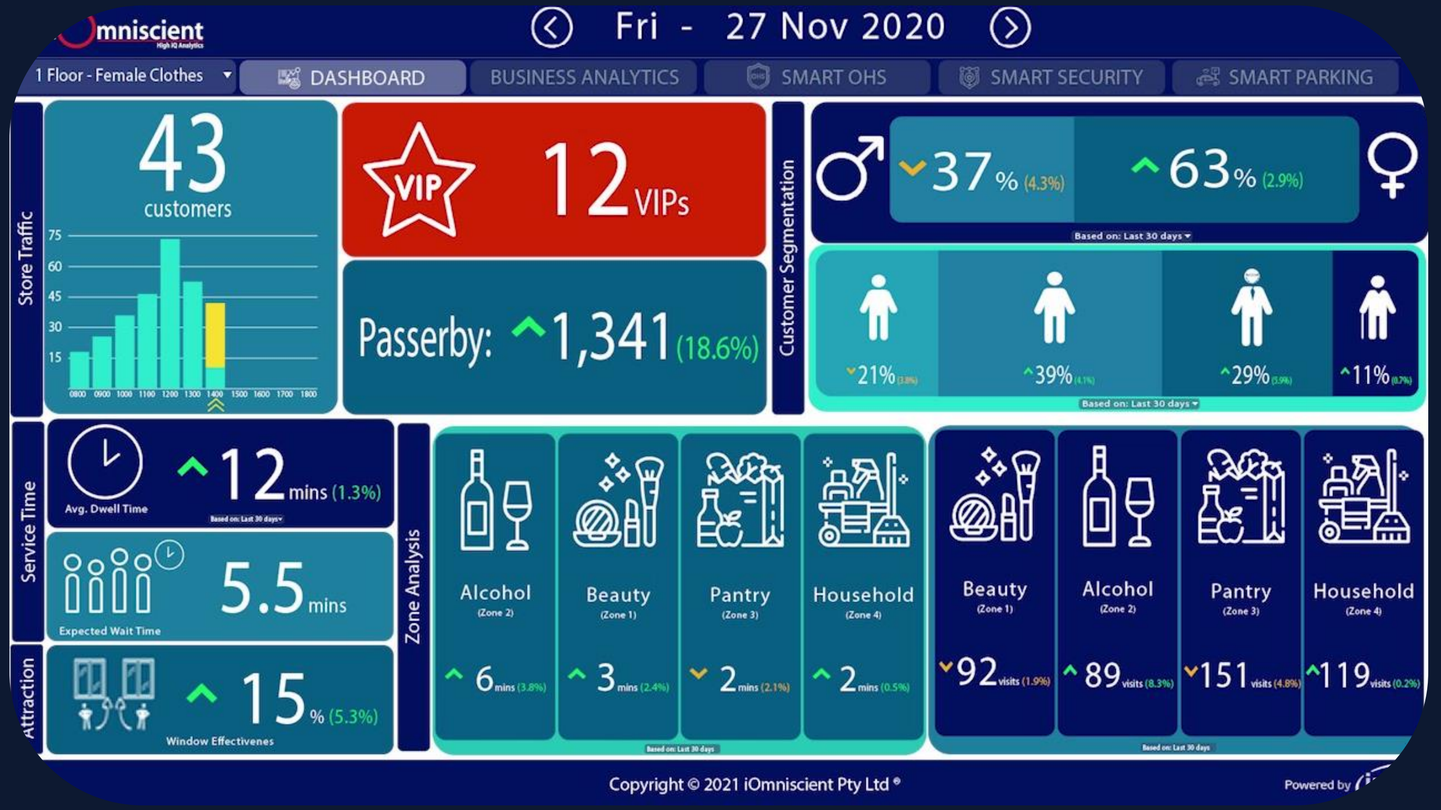
Management intelligence

Dashboards and reports turn time-sequenced events into operational information

DASHBOARDS

Industry-specific dashboards can be easily customized to show any information held by the system.

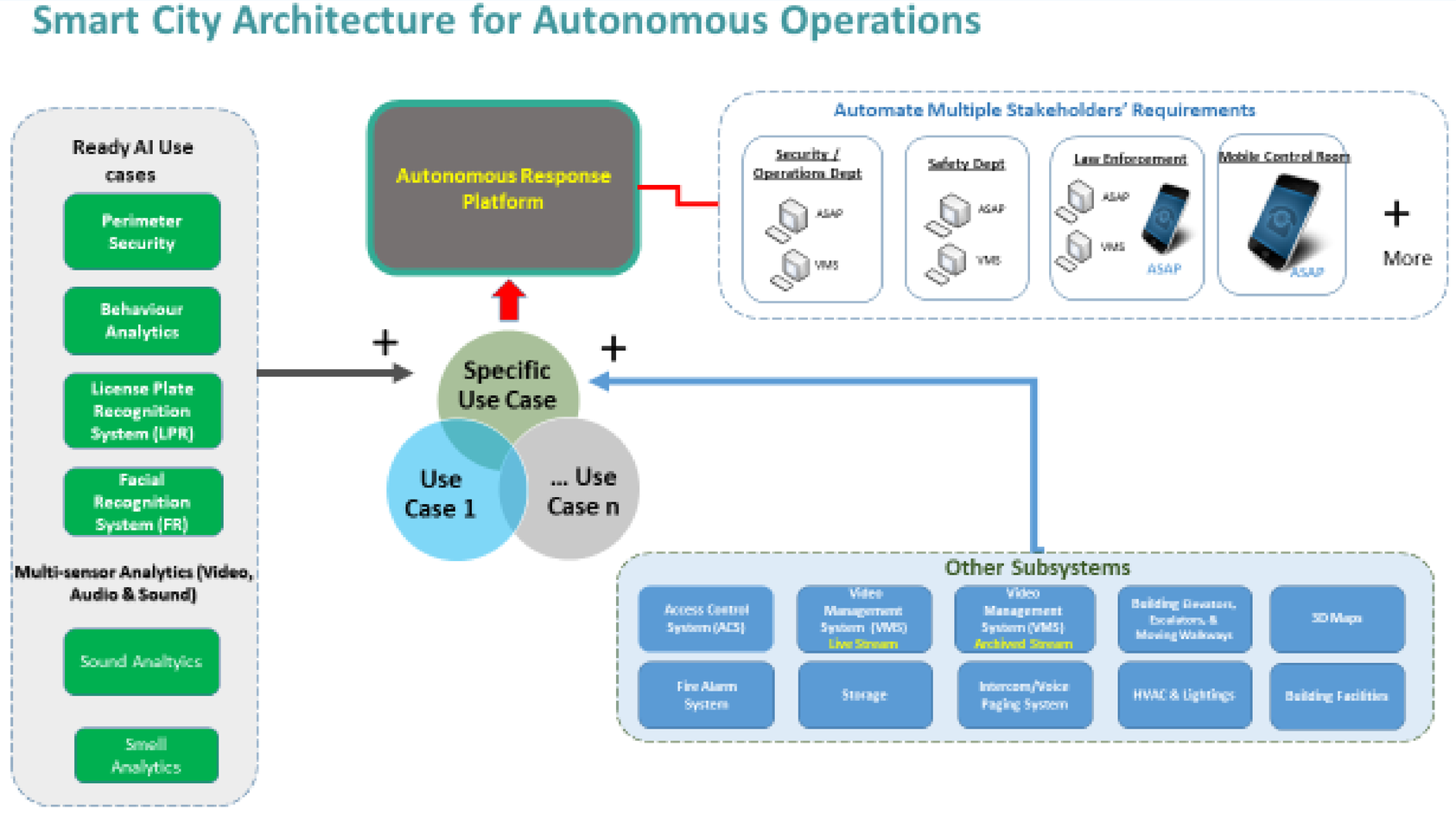
Historical data can support predictions. Reports can present complex, time-sequenced information for review and management.



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Autonomous response

Analytics and response follow a defined sequence



01 Combine analytics

Apply predefined logical sequences across multiple analytics algorithms.

02 Determine the response

Use the combined event information to determine the required response.

03 Connect and alert

Connect to the appropriate systems and generate the alert.

04 Guide the responder

Find the nearest appropriate responder and provide event video, location, and required action.

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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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