Axxon One VMS + PAECIA System

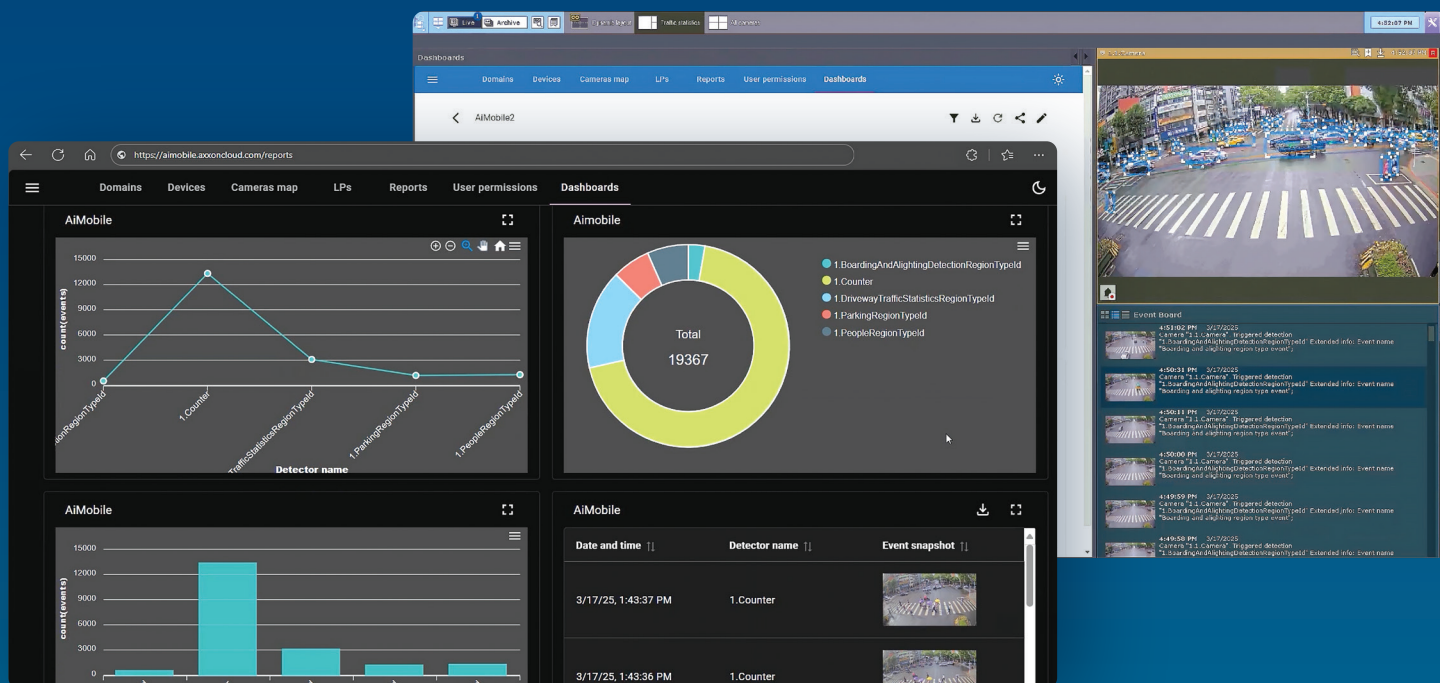## Intelligent AI Video Analytics for City Surveillance and ITS

PAECIA is the acronym for Powerful AI and Edge Computing Image Analysis Solution, leveraging AI and the powerful NVIDIA Jetson platform from AIMOBILE.

Axxon One VMS integrates with the PAECIA system. This combined solution delivers precise, automated insights into urban environments for municipalities and infrastructure operators.

The integration enables:

- Real-time traffic and pedestrian monitoring

- Incident detection and rule-based alerts

- Optimized traffic flow and infrastructure planning

Whether you're managing urban safety, transport systems, or event-driven surveillance, Axxon One unlocks new levels of situational awareness using Canon PAECIA system.

PAECIA Analytics Modules Integrated with Axxon One VMS

Functionality

Vehicle counting by movement: straight, left turn, right turn

Speed measurement and occupancy estimation in defined zones

Pedestrian counting and density control

Static object detection — e.g., stopped vehicles, potential accidents

Law enforcement/traffic light detection

Vehicle entry/exit monitoring

Basic vehicle counting through checkpoints or lanes

Advanced traffic statistics — license plate recognition, vehicle type, flow volume

Each of these analytics modules is supported on edge devices and integrates directly with standard IP cameras. This makes deployment simple and cost-effective for modern city infrastructures.

Have technical or specification questions? Just scan the QR code!

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