

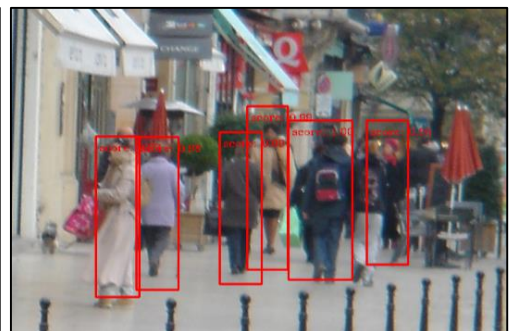


INTELLIGENT VIDEO ANALYTICS

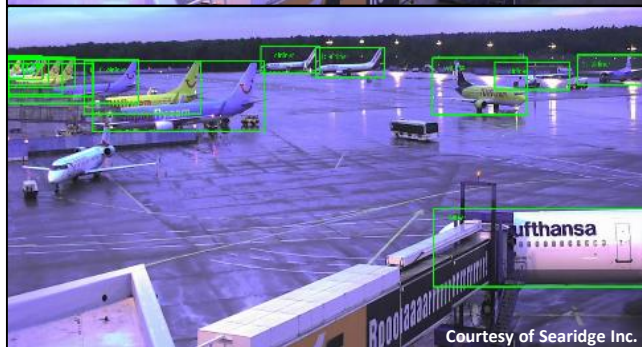
DETECTION AND TRACKING OF MOVING OBJECTS

INO offers a video analytics SDK enabling “Deep learning” and motion detection approaches within target detection and recognition tasks. It delivers real-time implementations of target detection, recognition and tracking, and provides end-user with live information. It also supplies interactive tools for object classification training and performance evaluation.

Detection Results



Ground Truth



FEATURES

- Camera agnostic
- Supports static, Pan-Tilt-Zoom and mobile cameras
- Customizable object categories
- Combination of deep learning and motion detection
- Self-contained solution
 - Training tools
 - Detection module
 - Tracking module
- CPU and GPU-enabled implementations

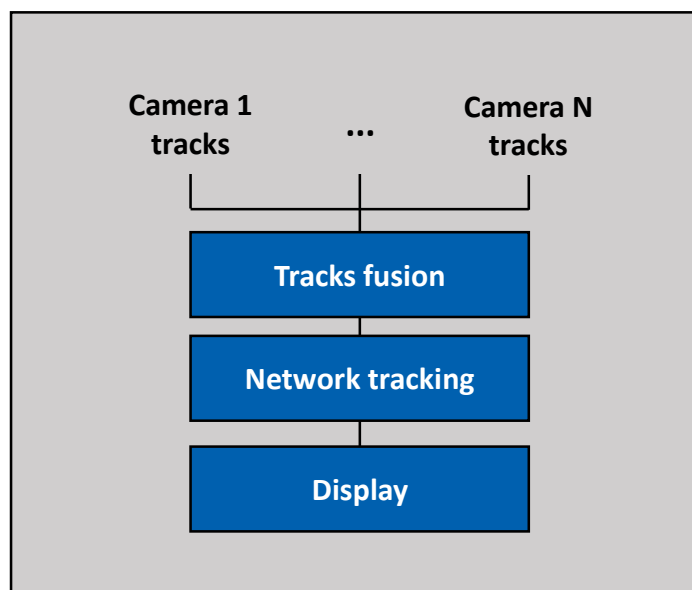
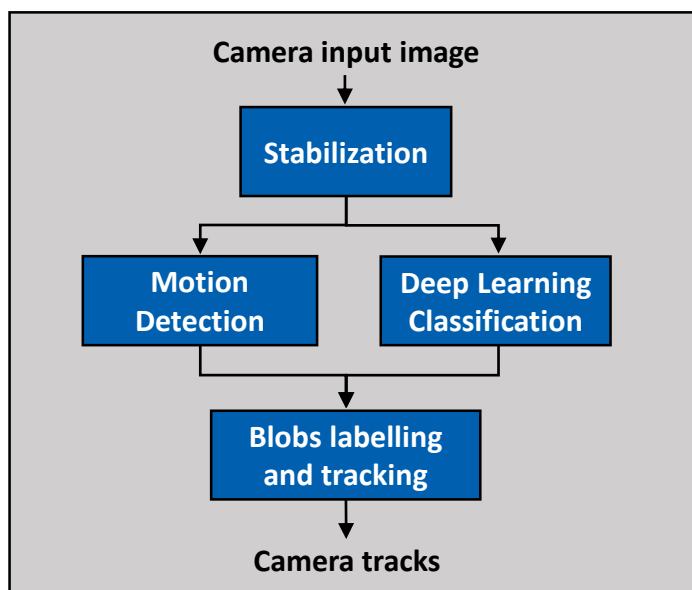
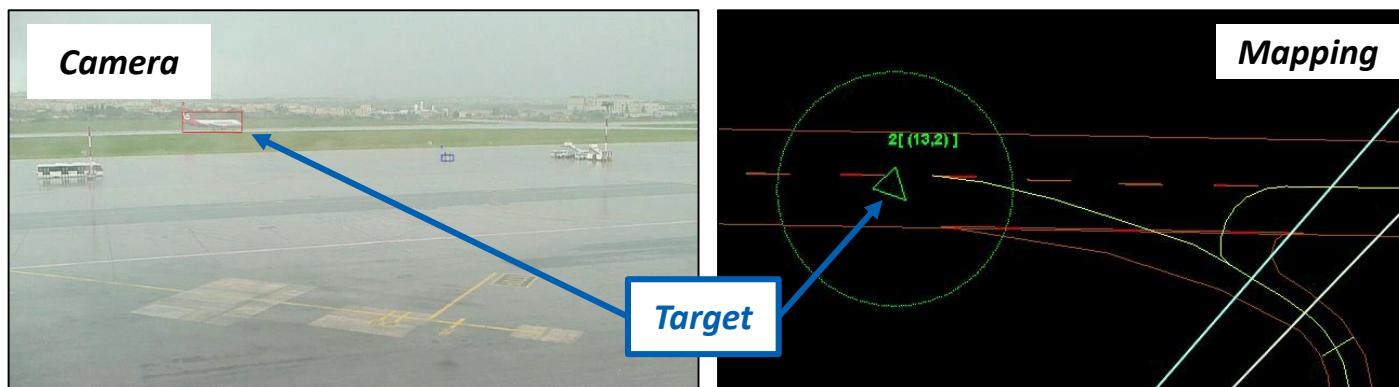
APPLICATIONS

- Surveillance
- Perimeter monitoring
- Occupancy “heat mapping”
- Counting applications
- Object sorting
- Augmented reality



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Key Specifications

- Cross-platform C++ API
- Input: Images, Timestamps
- Image modalities: Visible, Thermal, Fused thermal/visible
- Output: XML

Advantages

- Flexible surveillance solution
- Customizable application development
- Real-time processing
- Algorithms tuned to color and thermal imagery

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