

## Analytics

Advanced analytic functions allow Orwell 2K to operate with an unprecedentedly low false alarm rate, allowing one operator to manage hundreds of cameras and up to several square kilometers of the secured area.

### Left Object and Stopped Vehicle Detection

Orwell 2K detects and identifies objects (vehicles, boxes, luggage, etc.) of specified sizes and submits an alert if stopped or left in the monitored area for more than allowed period of time. The monitored area can be the entire camera view or defined areas.



### Intruder Detection

Orwell 2K detects intruders entering into secured facility. Upon intruder detection Orwell 2K informs the operator by displaying:

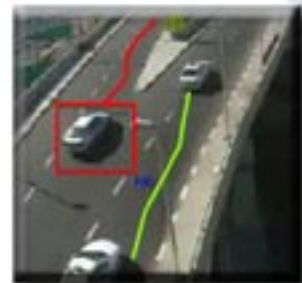
- Alarm message
- Enlarged PTZ camera view (zoom 4x)
- View from associated fixed camera



### Object classification, number of objects per camera and vector alarm

System can mark & trace up to 50 moving objects, classifying them by: human, vehicle (by make), etc.

Orwell 2K will detect objects moving in forbidden directions and set alarm.



### Fire & Smoke Alarm

Orwell 2K is able to detect fire and smoke. This feature can back up the existing fire detecting equipment or alternately replace it. The monitored area can be the entire camera view or a defined area



### Thrown Object Detection

Orwell 2K will detect objects thrown through restricted area. This function is useful in detecting theft and illegal activities in correction facilities.

