



STILLNESS DETECTION

IN TERMS OF SECURITY, DETECTION OF STATIONARY ABANDONED OBJECTS (REMOVED OR MOVED) HAS BECOME A STANDARD PRODUCT AVAILABLE IN MOST VIDEO SURVEILLANCE FACILITIES.

StillnessDetection is a video analysis application allowing precise detection of abandoned objects in a predefined area. ACIC **StillnessDetection** generates an alarm when an object of a previously selected class is abandoned or removed for a certain period of time in a defined area. Restrictions on the size of objects can be used to detect a specific scenario. Intelligent algorithms adapt to environmental conditions to limit false alarms due to parasitic movements or changes in lighting.



FEATURES

- Automatic real-time activity detection
- 3D object size and motion filtering
- Multiple regions of detection
- Multiple targets per camera
- Up to 4 simultaneous rules
- Indoor and outdoor operation
- Server-based or embedded (for AXIS, Dahua and Hikvision compatible cameras).

PRODUCT PACKAGE

The Stillness Detection configuration tool allows you to create up to 4 detection rules per video stream based on 2 different scenarios. To better meet the needs of the desired detection scenarios, Stillness Detection is offered in 2 dedicated packages.

ADVANTAGES

- References in many projects
- Economical solution
- Works on existing CCTV cameras, PTZ cameras, IP cameras
- Very robust to changing outdoor conditions, very low false alarm rate
- Detection of specific behavior based on classification of movements.
- Very simple configuration
- Direct and flexible support

APPLICATIONS

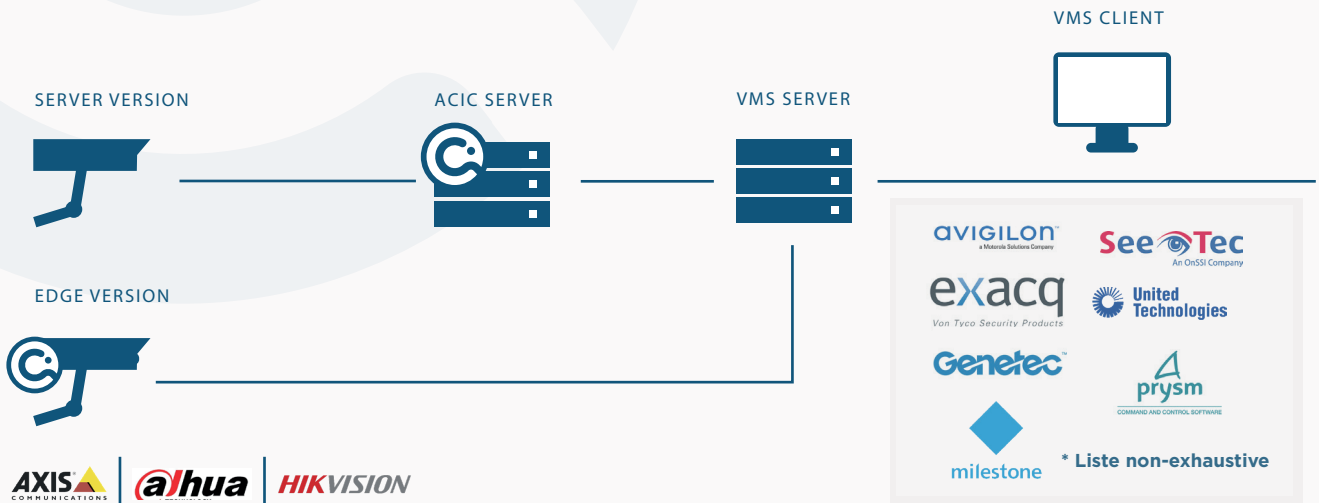
This solution allows the detection of stationary, withdrawn, abandoned or moved objects.

- Badly parked car
- Wild abandonment of waste
- Abandoned parcels
- Graffiti
- Objects moved or removed



INTEGRATION OF THE SOLUTION

ACIC is a technological partner of the main players in the video surveillance market. Thanks to its participation in partnership programs, **StillnessDetection** is available in EDGE version for AXIS Communications, DAHUA and HIKVISION cameras. In addition, ACIC solutions are fully integrated with the main VMS solutions.



REFERENCE NICE TRAMWAY

The tramway of Nice is the main public transport network in the city of Nice in south-eastern France. All three lines are 27.5 kilometers long and serve both the city center, the outskirts, the port and the airport, and transport an average of 193,000 people daily. To prevent the air vents of the tunnels located on the surface from being blocked, surveillance cameras equipped with software to detect abandoned objects were placed. Our **StillnessDetection** solution detects any abandoned object on these air vents and sends an alarm to the VMS if an object appears there.

PREMIUM	PART NUMBER		
	SERVER • SD-SERVER-BASE	EDGE • SD-EDGE-BASE-AXIS • SD-EDGE-BASE-HIK • SD-EDGE-BASE-DAH	
PREMIUM	FEATURES:	INCLUDED OPTIONS:	SERVER VERSION
	4 rules, 4 customizable objects classes and 2 different scenarios • Stationary object • Motion detection	• DNN / AI : confirmation of the events by an AI model on various types of classes • PTZ : adaptable on PTZ cameras (analytics on preset) • Anomaly detection base : detection of basic camera anomaly (camera occlusion, loss of signal).	For all cameras native linux virtual machine (vmware, hyperv) GPU recommended EDGE VERSION For supported cameras DAHUA, AXIS & HIKVISION
DYNAMIC	FEATURES [BASE]:	ASSOCIATED OPTIONS:	
	1 base rule, 2 customizable objects classes and 2 different scenarios • Stationary object • Motion detection	DYN-SERVER-OPT-RUL DYN-SERVER-OPT-AI DYN-SERVER-OPT-PTZ DYN-SERVER-OPT-ANOM DYN-SERVER-OPT-STAB DYN-SERVER-OPT-FAIL <u>Associated products:</u> HDW-SERVER-OD	Additional rules Option (Max 4) DNN/AI objects classes Option PTZ adaptation Option Full Anomaly Detection Option Camera Stabilization Option Failover Option Appliance Server on demand

SOME REFERENCES



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