KiwiVision® Analytics Suite Integration

KiwiSecurity’s suite of analytic applications transform video surveillance systems into pro-active security and intelligence tools. Whether an organization wants to accelerate response time to incidents, or gain a better understanding of business and traffic activities, KiwiVision® analytics provides the ability to accurately detect events, and instantly send alarms back to Security Center.

Alarm Triggering Analysis Applications

KiwiVision® provides a suite of analytic capabilities that are integrated with Security Center.

Security
► The KiwiVision® Intrusion Detector automatically detects whether people or vehicles have crossed into critical areas while considering the object’s size, speed, direction, and more.
► The KiwiVision® Object Detector detects objects that are left or removed in high-security areas. Perspective is considered and different background modes can be applied.
► The KiwiVision® Face Collector automatically detects and files faces in a freely definable region, detecting multiple faces simultaneously even if the faces are covered by beards, sunglasses etc.

Traffic Intelligence
► The KiwiVision® Vehicle Counter automatically counts vehicles on up to four lanes.
► The KiwiVision® Parking Space Analyzer detects occupied parking spaces, vehicles parked in no parking zones, and analyzes parking duration.
► The KiwiVision® Direction Controller detects objects and persons moving through a scene into a specific direction.

Business Intelligence
► The KiwiVision® People Counter provides directional counting of individuals passing through a predefined area. Several people are tracked and counted simultaneously in multiple directions. The People Counter 3D add-on can be applied for maximum precision (above 99.5%).
► The KiwiVision® Queue Detector analyzes queues and alerts operators of overcrowding, based on flow of motion and crowd density.

Supported Analytics
► Virtual Perimeter
► Facial Detection
► Direction of movement
► People Counting
► Loitering
► Vehicle Direction
► Vehicle Counting
► Vehicle Flow
► Immobilized Vehicle
► Illegal Parking
► Object Left
► Object Taken
► Queue Management
► Dwell Time
► Heat Map
► Camera Tampering
► Image Stabilization
► Graffiti Detection
KiwiVision® Intrusion Detector - Perimeter Protection ▼
This image shows a person throwing an object into a protected perimeter (railway tracks). An alarm is triggered after the object enters the red region, coming from the green region (Thermal image).

KiwiVision® Activity Visualizer - Activity Visualization ▼
This image shows scene activity recorded in a supermarket (360° camera). Hot-spots, paths and dwelling time are made visible. Duration and intervals are adjustable and can automatically be evaluated statistically.

KiwiVision® Analytics Suite Integration Architecture ▶
Live video is streamed from connected cameras to Security Center and KiwiVision® servers. Analytic events are detected by KiwiVision’s applications, and custom events are sent to Security Center.

Version and Ordering Information

Version and Compatibility ▶ KiwiVision® alarm integration is compatible with Security Center version 5.2 or higher

Genetec Part Number ▶ One GSC-1SDK-KIWI-Alarms license per connected KiwiVision® Server

About KiwiSecurity
KiwiSecurity is the leading developer of video analytics and video control solutions. Our technology addresses security, as well as business or traffic intelligence. The unique product “KiwiVision Privacy Protector®” makes video surveillance compliant with privacy regulations and is certified with the “European Privacy Seal”.

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