KiwiSecurity
AUTOMATING VIDEO SURVEILLANCE

Video Analytics Solutions

Business
Intelligence

Security &
Safety

Traffic
Intelligence

Privacy
Protection

KiwiVision Video Analytics

KiwiSecurity's suite of analytic applications are transforming existing and new video surveillance systems into pro-active security and intelligence tools, unifying privacy, security & operational efficiency. Whether you want to accelerate response time to incidents, or gain a better understanding of business or the traffic situation, KiwiVision video analytics accurately detect events in videos, instantly inform or alarm operators and trigger processes. Hence, video surveillance is automated by extracting the relevant information from video and directing the operator´s attention.

FROM IMAGES TO INFORMATION

The operator no longer has to monitor hundreds of irrelevant screens and can instead focus on relevant information only
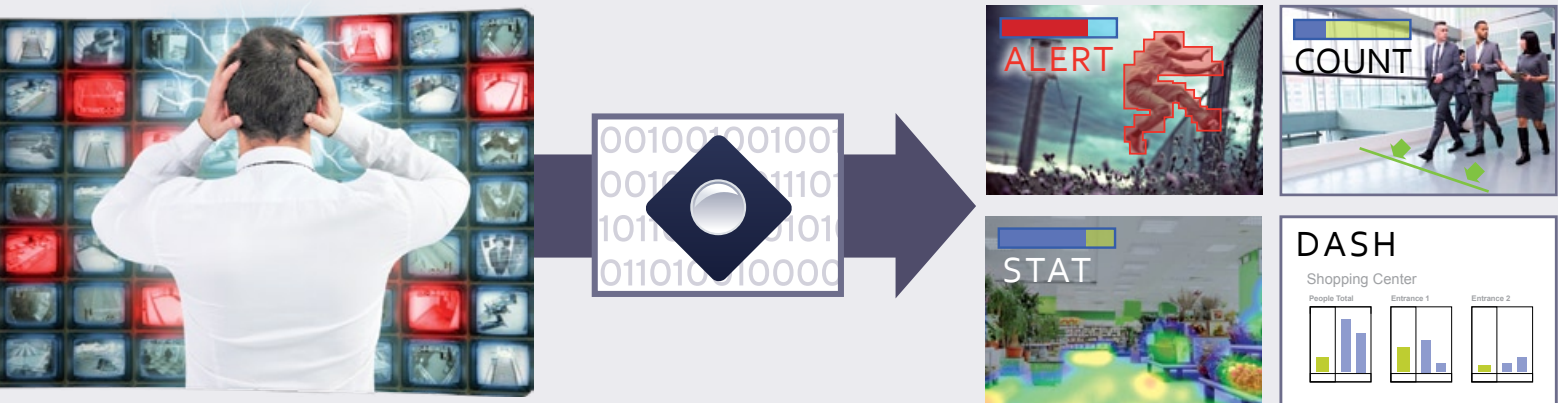
✓ Next Generation Algorithms

KiwiSecurity's patented, field-proven algorithms ensure the industry's highest accuracy with the lowest false alert rates. The widely seen general purpose object tracking/tripwire approach simply cannot handle harsh outdoor conditions reliably and is cumbersome to configure. Hence, KiwiSecurity has built a next generation video analytics engine based on noise filtering, particle tracking and artificial intelligence.

✓ Application Specific Design

In order to achieve maximum performance, KiwiSecurity decided to build application specific algorithms for each function (perimeter protection, people counting, etc.). This brings the further advantage of greatly simplifying the configuration, creating the best possible analytics software for each application.

Open Architecture & Easy Integration

Any Camera

KiwiSecurity has natively integrated all leading camera manufacturers via SDK.

Via RTSP virtually any camera or input from 3rd party systems can be connected.

Any VMS

KiwiSecurity´s video analytics are natively integrated into all leading VMS systems via SDK.

Further, open standards such as RTSP for video and TCP Triggers/XML/JSON for metadata are supported.

Any Server

KiwiSecurity supports any Intel/ Windows-based server, as well as virtualized installations.

This ensures maximum flexibility and cost-effective, future proof solutions.

Security

KiwiSecurity´s security applications enable the effective & pro-active protection of premises, public areas or buildings. In case of an emergency, the operator´s attention is directed towards relevant events and can react instantly. Automatic weather filters and camera health monitoring ensure a clear view on events at all times, eliminate false alerts and ensure the most reliable detections.

- Perimeter & area protection
- Detection of left & removed objects
- Collecting of faces
- Weather filtering & image stabilization
- Camera health monitoring

- Camera tampering detection
- Loitering detection
- Fight detection
- Graffiti detection

Business Intelligence

KiwiSecurity´s business intelligence software provides a powerful solution to easily follow customer patterns and analyze and optimize available sales areas or public spaces. By combining the number of people in a certain area, visualizing and evaluating activity & dwelling time, customer traffic flow and the strategic placement of products can be optimized - based on hard facts. Waiting lines, queues or crowding can be detected automatically to enable efficient crowd management in case of sudden customer increase.

- People counting, queue & crowd management
- Customer pattern & traffic flow analysis
- Identification of hot-spots and dead zones
- Evaluation & visualization of activity & dwelling time
- Live dashboards & reports

Traffic & Parking Intelligence

KiwiSecurity´s traffic and parking intelligence tools enable automated monitoring and management of roads and parking areas. To plan and optimize traffic especially in urban areas, valuable data about the volume of traffic can be extracted and evaluated by classifying and counting all vehicles on roads. By recognizing license plates, vehicle searches can be performed, access can be managed and also valuable information for marketing purposes can be extracted. Parking areas can be managed by detecting if a parking space is occupied, checking individual parking times and by detecting vehicles stopped in no-parking zones.

- Automatic license plate recognition
- Vehicle counting & classification
- Direction monitoring

- Immobilized vehicle detection
- Parking space analysis & management
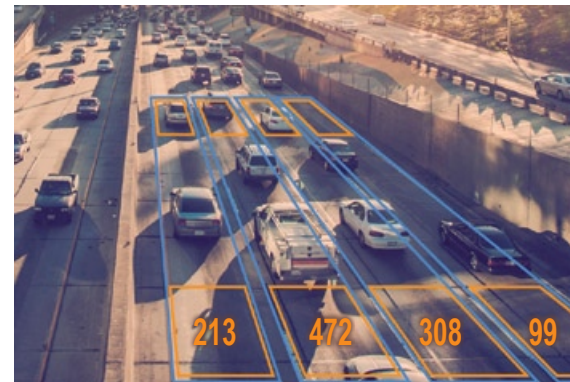
Privacy Protection

The KiwiVision Privacy Protector automatically pixelizes the visual image of persons to operators. Actions stay recognizable, but people´s identity is concealed. People can only be identified in the untouched original video, via super-user access. The solution is the only independently certified video surveillance product (European Privacy Seal – EuroPriSe) and compliant with international privacy laws.

- Anonymization of persons, actions remain recognizable
- Perspective pixelization by movement or image region
- Different pixelization methods for optimal obfuscation
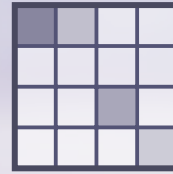- **Independent certification: European Privacy Seal**

European Privacy Seal
EP-P-F9LDTM / Valid till 2017-10

Application Portfolio

Intrusion Detector

Object Detector

People Counter

Activity Visualizer

Queue Detector

Fight Detector

Loitering Detector
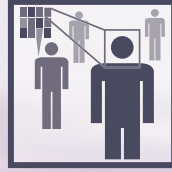
Face Collector

Video Enhancer

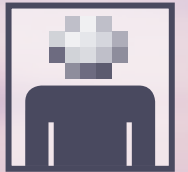**Camera Health Monitor**

Traffic Analyzer

License Plate Recognizer

Parking Space Analyzer

Vehicle Counter

Privacy Protector

References

Hamburg Port Authority

International Airport

KfW Banking Group

Cologny/Geneva

Shopping Center North

YPF Argentina

About KiwiSecurity

Founded in Vienna, Austria in 2005, KiwiSecurity is a leading developer of video analytics applications for security, safety, business & traffic intelligence.

With a strong R&D background, KiwiSecurity created a scalable, patented product line, field proven in a world-wide installation base, constantly aiming to push the limits of what is possible in video analytics.

KiwiSecurity has further challenged the contradiction of security and privacy: The unique KiwiVision Privacy Protector protects people's privacy in video surveillance and makes it compliant with privacy regulations. To date it is the first and only video security product certified with the European Privacy Seal.

KiwiSecurity is dedicated to a partner-oriented business model and has a global, rapidly expanding channel & support partner network. Join us today!

www.kiwisecurity.com