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Ernitec Video Analytics

iLids approved Video Analytics

> Trip Wire

> Tracking

> People counting

> Dwell filter

> Remove Object
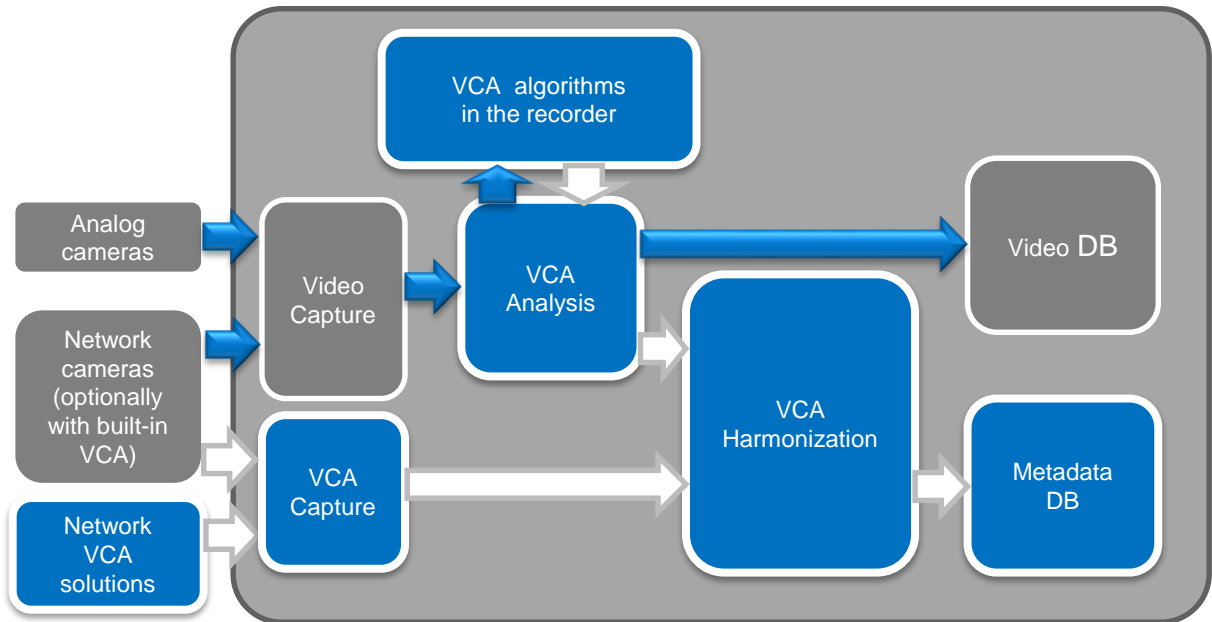
> Speed detection

> Smoke

> Fire

Features
- **Powerful**:   Pre-packaged integrated analytics available per camera
- **Reliable**:   Tested and approved for high-accuracy detection and recognition
- **Flexible**:   Can be deployed on any IP or analog camera connected to the server by upgrading your current DVR to an Ernitec VCA solution, you can turn your existing into cameras into powerful alarm sources.

Video Analytics Package
- Can be implemented either as a counting functionality or with full VCA functionality
- Includes tampering detection mechanism to prevent camera vandalism
- Easy-to-use, graphical configuration tool for camera calibration and generating zones, lines and rules for VCA events
- Full forensic metadata storage in XML format
- VCA functionality includes a full set of filters, such as entry/exits, dwell time, tripwire, speed detection, object detection and removal
- Can select on a camera-by-camera basis the most appropriate analytics functionality to be used
- Web based reporting tool

Counting Function
- Set object counts based on object classification and movement direction
- Fully integrated with the EVR Video Management Solution
- Can be used on any camera added to the system
- IP and analogue camera support
- Create multiple counting zones on one camera
- Object distinction – car, bike, person
- Highly accurate self-training analytics engine
- Reporting tool for flow analysis and daily/weekly/monthly/yearly visitor statistics

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Architecture

Ernitec Video Analytics platform consists of a set of interfaces and API's, allowing the analytics solution to be easily integrated to the EVR VMS. Analytics meta-data, such as object coordinates and properties are captured through XML- configurable network interfaces. Once captured, the semantics of different meta-data languages is harmonised and the data is checked against alarm rules. Finally the data is stored into an open database for later search and retrieval.

Ordering Information

P/N: 0063-99988   Video Analytics package for 1 camera includes object classification, presence, enter/exit, appear/disappear, stop, dwell, direction, speed and tailgating

P/N: 0063-99989   Video Analytics Count 1 - Carbon Video Analytics Count Licence for 1 camera

P/N: 0063-99990   Reporting tool and database for alarms and system management

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