

Our intelligent analytics software has powerful and intuitive tracking to deliver real value from any CCTV installation.

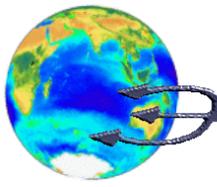
ENSURAVCA mission is simple:

- To provide a highly reliable and accurate tracking engine as standard
- To ensure our software remains user-friendly and intuitive
- To offer cost-effective solutions, tailored to every customer's requirements

ENSURAVCA - User Benefits

- Sensitive and accurate performance with a low false alarm rate.
- ENSURAVCA adapts automatically to varying lighting and weather conditions.
- Simple detection zone online set-up. No special software required.
- Cost effective modular software lets users pay only for what they require.
- Analytics stabilization allows software to work effectively on swaying cameras.
- Rapid 'learning time' of just a few seconds. Can be used with PTZ cameras - detection is suppressed during camera movement.
- Unique features - PTZ auto tracking, fog and smoke reduction,
- Image stabilization and camera tamper.
- ENSURAVCA has NO single point of failure, because the analytics is integrated on the Edge in either a Video server or Camera
- ENSURAVCA is very easy and simple to configure even for installers with limited experience
- ENSURAVCA fits many market segments without modifications
- Forensic tools for post event analysis and data management





Powered by ENSURAVCA Technology

Intelligence by Design

Our intelligent IP software is developed with the user in mind and can be operated with both indoor and outdoor cameras. It can detect a wide range of surveillance situations involving people, vehicles and other objects. Comprehensive filters mean the system discriminates between behaviors appropriate to each scene and, therefore, classification is always accurate.

Simple to set up, ENSURAVCA automatically adjusts to its conditions, making it ideal for both experienced and untrained personnel to use.. The software produces real, working results, solely with the end-user in mind and is ready to use from the box, or can be specified to individual requirements.

The supporting 3D scene perspective automatically discriminates between human and vehicle objects, whilst rejecting others and rapid 'learning time' means that images are detected and classified almost instantly.



Putting the Intelligence into IP

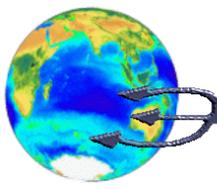
ENSURAVCA's intelligent software monitors and analyses CCTV activity allowing users and operators to improve efficiency of security installations or capture information and data about customer behavior in a cost effective manner.

Our intelligent software comes embedded in a wide range of IP cameras and encoders, providing the user with a choice of cameras to meet their application precisely. Adding the right level of intelligence to the right camera or encoder provides the ultimate solution for a wide range of problems. Having the intelligence "at the edge" also means minimal impact on bandwidth and storage and no single point of failure.

This is what we mean by Putting the Intelligence into IP, Our solutions are high-performance, affordable, scalable and integrate seamlessly with your current infrastructure.

Solutions Through Intelligence

Video analytics are used to improve the performance of many installations by providing more detailed information about events and the causes of those events. Here are some examples where intelligent IP can be particularly useful:



Perimeter Protection

ENSURAVCA is useful for maintaining building and perimeter security. Straight out of the box, the device acts as an accurate and intelligent presence sensor, alerting security immediately when a moving object is detected in the restricted area, and avoiding false alarms due to wildlife, etc.

Asset Protection

Effective and rapid detection of abandoned objects is now more important than ever. In public spaces, it is vital for camera operators to quickly spot items that have been left behind. With ENSURAVCA, operatives attention is quickly drawn to new items that have appeared in a scene, and left.

Footage of when the item appeared then enables the owner to be detected.

Retail

ENSURAVCA automatically collects statistics on customer behaviour, enabling data capture to inform business decisions. Daily customer flow can be recorded without human intervention. Information is then used to inform staff scheduling or select the best times for promotions and special offers.

Data is available in real-time so floor managers can automatically react to a sudden influx of customers by allocating extra staff to checkouts, anticipating and avoiding excessive queues.



Transport

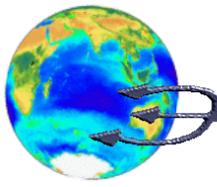
Parking and traffic regulations become easier to enforce with the application of ENSURAVCA, saving valuable staff time and avoiding dangerous situations due to speeding.

No parking zones can be targeted so that operators are alerted when vehicles stop there. A compatible video management system can immediately display a video of the car stopping, allowing the driver to be swiftly identified.

There are also features to count and monitor traffic flow and distinguish between types of vehicles.

Camera Tamper

Should a camera be moved, de-focused, turned off or tampered with in any way; ENSURAVCA detects slight changes that may affect the performance and informs the operator via an alarm within seconds.



Night-Time Security

Most security events happen in low light conditions so it is vital that a security system operates equally well both day and night. ENSURAVCA operation is based on changes in pixels, so even in almost total darkness it will effectively detect motion. Add ENSURAVCA to a thermal camera for the very best in night time security, even at extreme distances.

Data Mining

With our MetaData tools, users can extract their own reports and management information for a bespoke, custom solution.

In forensic analysis mode, ENSURAVCA enables rapid, accurate post-event forensic search. Take a video scene, add the rules and run the video. Alarm events will be displayed to ensure post-event analysis is fast and accurate.

Counting

If you want to count people and not shopping trolleys, cars but not bikes, or almost anything that moves, ENSURAVCA is your best option. The software also provides a full excel reporting tool to deliver accurate data straight from the camera.

Video Stabilization

Imagine a camera with 1cm of movement with a x35 lens; that's 35cm of movement on the screen, useless for monitoring.

ENSURAVCA's video stabilization cancels out this motion providing a smooth, motion free image, even when using PTZ cameras.

Access Control

How can ENSURAVCA assist in an access control system? One of the biggest challenges is tailgating; where more than one person will go through on a single access. ENSURAVCA can detect this and send an alarm to the operator showing video of the event.

