ANPR (Automatic Number Plate Recognition)

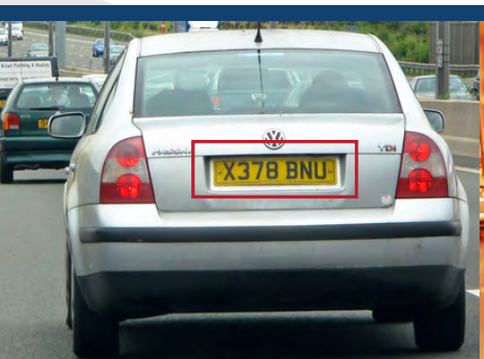
CathexisVision Features

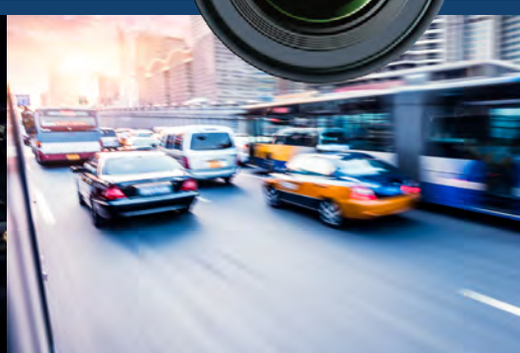
CathexisVision
Video Management Solutions

CATHEXISVISION ANPR

CathexisVision provides an Automatic Number Plate Recognition (ANPR) solution for both low and high-speed applications. The ANPR software allows for the identification and capturing of number plate information via cameras and databases.

This provides 24/7 access to users who can compare images captured to blacklists or whitelists and take immediate appropriate action against these comparisons. The ANPR feature is well-suited to any parking/access control application as well as any high-speed freeway detection requirements.





ANPR (Automatic Number Plate Recognition)

WORLD'S LEADING ALGORITHMS

The CathexisVision ANPR Feature provides the ability to capture number plate information regardless of vehicle speed or time of day. Cameras are equipped with state-of-the-art infrared sensors and high speed shutters, ensuring that every number plate that passes the camera is captured in high-quality.

RECOGNITION OF LICENSE PLATES FROM OVER 200 COUNTRIES

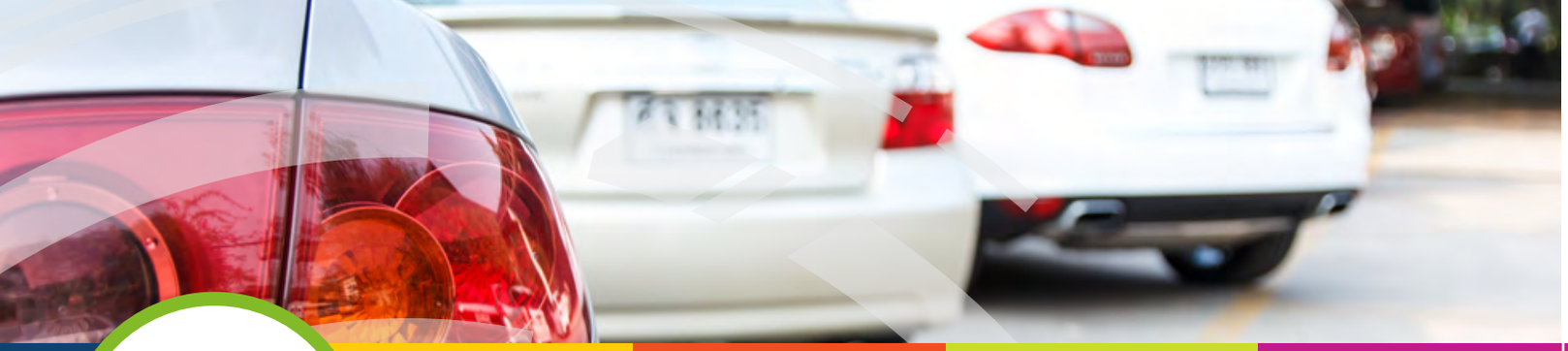
The CathexisVision ANPR Feature with its proven high performance capability can be used worldwide. The applied world leading technology covers over 200 countries.

THE CATHEXISVISION ANPR SUITE INCLUDES:

- One of world's leading algorithms for instant recognition
- Recognition of license plates from over 200 countries
- Compatibility with standard (visible light) and infrared cameras
- The creation of unique groups (blacklists, whitelists, employees, contractors)
- Predetermined actions for various group
- Seamless camera setup
- Simplified database mining capability

KEY BENEFITS:

- Ensure maximum security
- Deny unauthorised access
- Ability to capture information regardless of speed or light
- High-definition images for accurate identification
- View events from specific timeframe



ANALYTICS ALGORITHMS AND APPLICATION

COMPATIBILITY WITH STANDARD (VISIBLE LIGHT) AND INFRARED CAMERAS

The state-of-the art technology associated with CathexisVision ANPR provides for immediate license plate recognition with all IP cameras.

THE CREATION OF UNIQUE GROUPS (BLACKLISTS, WHITELISTS, EMPLOYEES, CONTRACTORS)

The CathexisVision ANPR software automatically captures and records each number plate as it passes the IP surveillance camera. The information is saved and users are able to designate various license plates into unique groups, for example: blacklists, whitelists, Contractors and Employees.

PREDETERMINED ACTIONS FOR VARIOUS GROUP

Having captured license plates and having information stored in various groups, users are able to setup predetermined actions based on those groups. For example: an employee vehicle has approached the company parking lot, open access gate.

SEAMLESS CAMERA SETUP AND CONFIGURATION

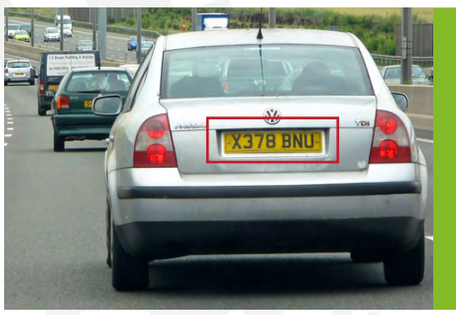
For a simplified user experience, the ANPR Feature allows for the simple setup of cameras at any height or angle, which will not interfere with accurate identification capability. The system is then easily configured to allow for instant use and maximum capability.

NOTE: To ensure top performance of this algorithm and that every number plate that passes the camera is detected and captured in high-quality, the camera must be ANPR hardware and location specific.

ANALYTICS ALGORITHMS AND APPLICATION

ADVANCED DATABASE MINING CAPABILITY

A major feature associated with CathexisVision ANPR is the advanced automated data mining software that trawls through vast amounts of data collected. This process can be used on previously captured records for comparisons or to collect intelligence about specific plates.



TRAFFIC RULES

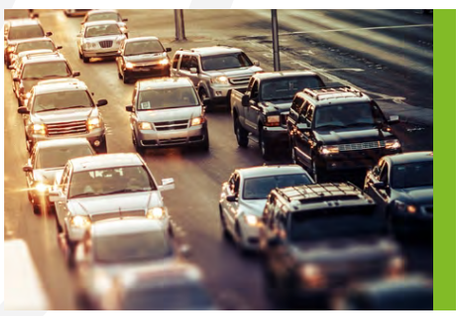
Visit location : Trigger generated if a license plate is seen at the same location multiple times within a defined time period.

Visit Area: Trigger generated if a license plate is seen at multiple locations within a defined time period.

PLUGINS

Ability to push notifications to remote HTTP Server of an ANPR event with the following information:

Licence plate image, Frame image and associated metadata.



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