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Example PowerPoint

Information about Automatic Number Plate Recognition (ANPR) Technology. How it is used effectively



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Introduction

What is ANPR?

According to South Wales Police (2023) a ANPR is:

A camera that reads car registrations which is then linked to a camera and records those vehicles of interest.

Captures an image of vehicles

Who uses ANPR?

- The Police
- Private Companies
- Local Councils
- Department of Transport





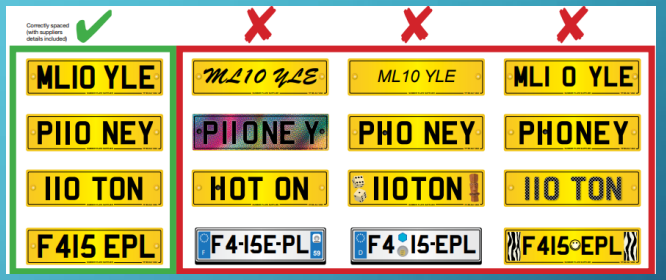
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Problems

- ❖Reflective Plates
- ❖Mis-reads
- ❖Avoidance of Cameras / System







According to the DVLA (2021) there are factors that can affecting images:

- Poor Lighting
- Bad Weather
- Long Distance
- Dirty / Damaged Plates
- Different Fonts / Languages
- Low Resolution Images
- Distorted and Tilted Images
- Poor Camera Settings
- Poor Contrast
- Complex conditions





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Why are they used?

According to the RAC (2020) Automatic Number Plate Recognition is used to detect vehicles that might be engaged in criminal activity as well as those vehicles that are not road worthy and without insurance.

ANPR - Automatic Number Plate Recognition technology can deter and disrupt criminal behaviour locally to nationally (Gwent Police, 2023). This included those using the road network to avoid being caught.

Gwent Police (2023) also states that ANPR's also help in the fight again serios and organised crime such as drug dealing, human trafficking, organised gangs.





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How it works

- Home Office (2014) states that when vehicles passes an ANPR camera, its registration number is read and instantly checked against database records of vehicles of interest.
- Police officers can stop a vehicle, speak to the occupants and, where necessary, make arrests.
- ANPR has proved to be important in the detection of many crime but also helps in locating people wanted for arrest or missing, witnesses, stolen vehicles, uninsured vehicles and uncovering cases of major crime.





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