



# Witness ANPR



**Witness Automatic Number Plate Recognition (ANPR) builds on the highly successful 'Witness' digital recording and transmission platform by incorporating Neurodynamics' Advanced Number Plate Recognition technology.**

**Witness ANPR offers our clients the following unrivalled features:**

- Unprecedented reliability due to neural network based character recognition
- Operational speeds exceeding 100 MPH
- Multiple cameras can be monitored using one channel
- International plate formats
- Capture, storage & viewing of numberplate and wider overview images (single images or video sequences)
- Ability to initiate automated responses such as opening of barriers, email, SMS messaging, or image transmission to central locations
- Real-time numberplate searching against multiple databases
- Ability to perform under all lighting & weather conditions
- Wavelet compression for image storage which strikes an ideal balance between storage space and image quality
- Compatibility with existing systems
- Video and data transmission across PSTN, ISDN, LAN, WAN, Intranet and Internet
- Hard disc storage from 6.4 gigabytes to 25 terabytes
- Archive/backup to CD, DVD or JAZ
- Reliable intelligent video motion detection
- 1, 4, 8, 16 and 32+ camera scaleable versions





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## Applications:

### Toll booth

Motorists can automatically pay tolls using Witness ANPR. Their number plate is recognised and cross-referenced to their Toll Account. The relevant charge is then deducted using the client's accounting software.

Apprehension of any motorists driving through without paying becomes a very simple procedure as does notification of stolen vehicles. Additionally, traffic flow can be monitored and is eased by the automation of toll collection.

### Access control / Car parks

Monitoring access to car park areas ensures that any unknown vehicles are identified before entering the site. Regular status reports can be generated, for example a report of vehicles that have been in and out of the car park on a daily basis. When visitors arrive and their numberplate is recognised by the system, an email alert can be sent to the staff member they are visiting.

### Petrol forecourts

Witness ANPR can be linked to multiple databases notifying operators of:

- Drive-offs – operators are prompted to request payment in advance
- Credit fraud – operators are warned of stopped credit cards associated with particular cars
- Key customers – Managers can receive email alerts on their mobile phones letting them know when key customers drive in. This allows them to provide a more personalised service
- Stolen vehicles – operators are notified to inform police that a stolen vehicle is on their site

### Other applications include:

- Logistics depots
- Border control
- Speed cameras
- Road tax avoidance
- Stolen car alerts
- Traffic surveys

