

mANPR SOLUTION – PRODUCT STATEMENT



MARDERC
mANPR

Automatic Number Plate Recognition has a wide range of applications since the license number is the primary, most widely accepted, human readable, mandatory identifier of motor vehicles.

Marderc's Automatic Number Plate Recognition (mANPR) solution provides automated access of the content of the number plate for computer systems managing databases and processing information of vehicle movements.

- Under proper conditions delivers 95-100% accuracy
- Is very fast
- Output is simply and easily integrated into any application
- Will operate with a range of cameras

mANPR example Animation: <https://youtu.be/ael5-gH5PXo>



PURPOSE

- Automatic recognition of vehicle number plates – a number plate recognition software for various intelligent traffic systems, security and any access control environments.
- Supported operating systems Windows (32/64 bit)
- Supported Platforms x86_32 | x86_64
- Minimum System requirements 1GHz CPU | 5122 MB RAM | 1GB
- Licensing One licence per application thread per site

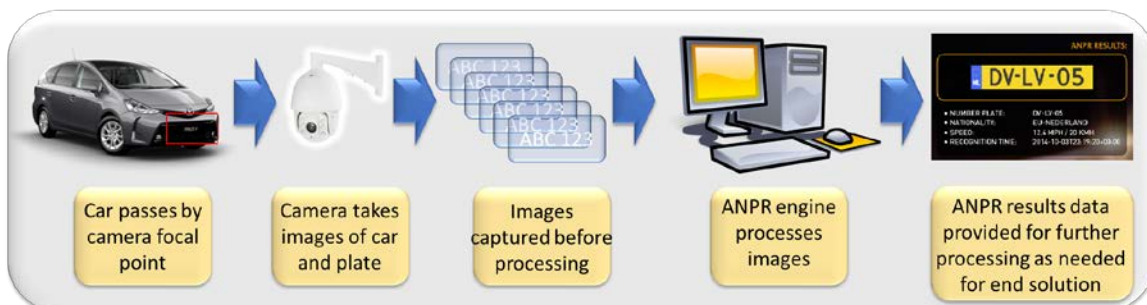
The Number Plate Recognition Engine we use, possesses all the features a high-quality license plate recognition system may require. It is highly accurate, fail safe and stable, fast and intelligent.

KEY FEATURES

- Automatic recognition of number plates from vehicles in flowing traffic
- Straightforward, fast, easy to use and simple to implement
- Plate recognition for all states and countries

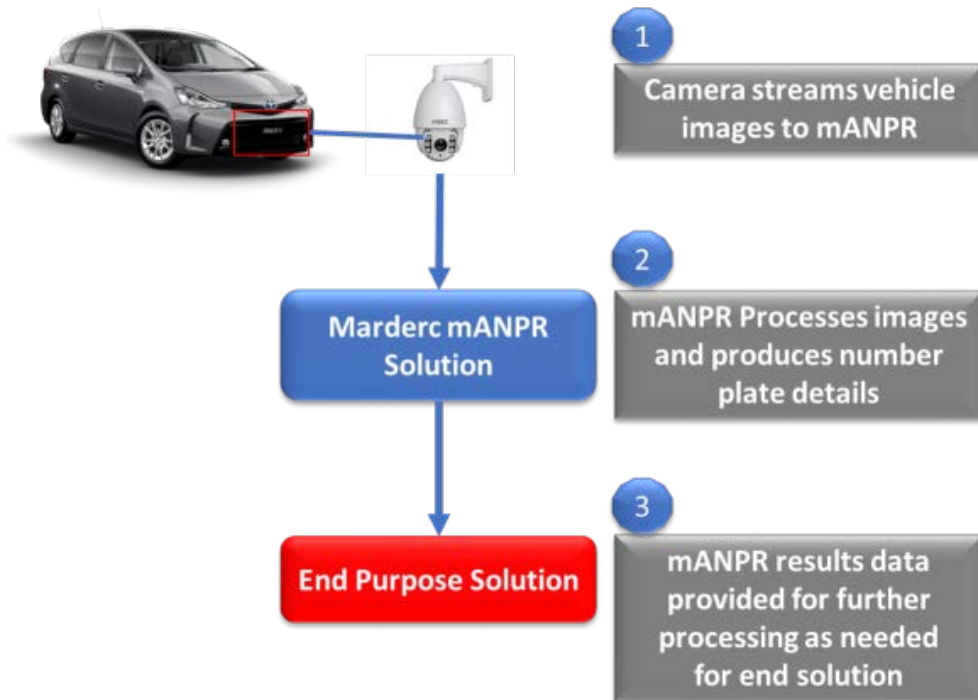
MAIN BENEFITS

- Automatic recognition of vehicle number plates
- Saving time - automated number plate reading
- High accuracy and recognition rates
- Increased security and safety of access control areas
- Ability to read varying plate sizes, syntaxes and distorted plate images
- Smooth and problem-free operation
- Suitable for any number plate recognition requirement



mANPR INTEGRATION AND PROCESS FLOW

Output from mANPR can be integrated into and used by many downstream applications; e.g. mVEM, CRM's, etc.



INTERFACE

Input

- Still image from file or memory in any image format (BMP | PNG | JPEG | JPEG2K | RAW)
- Live analogue video input (PAL or NTSC)
- Live digital camera input

Output

- OCR data Number plate number in ASCII/UNICODE text Position of the plate Confidence level in percentage Confidence level for each character List of further suggestions for each character Individual result for each plate on an image Colour of plate (optional) Country ID (optional) Location of each plate on one image

OPTIONAL ADD-ON MODULES

Modules that can be purchased separately to mANPR:

- mVEM: Vehicle Entry Monitor, to monitor entry and exit of vehicles, using mANPR
 - mSMS; provides nominated mobiles with SMS alerts as configured within mVEM
 - mAlert; provides users with on screen alerts as configured within mVEM

ABOUT MARDERC

WHO IS MARDERC?

Marderc provides several technology solutions for a variety of industries and clients. Our key product suite centres on Automated Number Plate Recognition (ANPR) solutions.

Offering technology solutions are provided for businesses within:

- retail
- services
- security
- government
- policing and
- trades

Marderc produces multiple technology with an expanding product range.

- DriveOffSentinel for the retail fuel industry, used to combat fuel Drive Offs
- mICA, Marderc's in-car ANPR solution. mICA is used for mobile number plate recognition requirements
- mANPR is used for on-site number plate recognition requirements
- mVEM: Vehicle Entry Monitor, to monitor entry and exit of vehicles, using mANPR
 - mSMS; provides nominated mobiles with SMS alerts as configured within mVEM or mICA
 - mAlerts; provides users with on-screen alerts as configured within mVEM (this is fully incorporated within mICA)
- IP Cameras (for ANPR solutions), a variety of camera solutions available

We are continually improving existing and developing new technology solutions.

OUR OBJECTIVE IS TO:

To support businesses in minimising operational costs using technology based solutions.

WHY MARDERC?

We offer a high-quality competency-based service. With practical "hands on" experience in both technology and the client industries we provide services for. Backed by 80 years of technology experience.

For further information about Marderc's Automatic Number Plate Recognition solution - mICA.

Go to: <http://marderc.com/mICA.html>

Or contact us directly on (+61) (0)429 445 561 or info@marderc.com