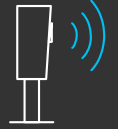# PARKi

ON STREET &
OFF STREET
PARKING
SOLUTIONS

LICENCE PLATE RECOGNITION SOLUTION

THE CENTRE OF MANY OF OUR SMART PARKING SOLUTIONS.

Taking advantage of our PARKi LPR system opens up a world of flexible parking solutions that can be tailored to individual sites and the management needs of operators.

CDS PARKING SYSTEMS

PARKI

ON STREET & OFF STREET
PARKING SOLUTIONS

Open up multiple smart parking solutions with PARKi Licence Plate Recognition.

The PARKi Licence Plate Recognition (LPR) System is designed to operate in all environments (off-street and on-street) supported by the CDS Management Software.

The PARKi LPR Solution, is fully integrated with our white list customer database, and central PC server for the purpose of identification and processing of licence plate images against database records.

Databases can be setup to support various customer conditions.

The PARKi LPR Solutions can accommodate a range of car park sites varying from a single lane, to multiple entry and exit lanes such as in Shopping centres.
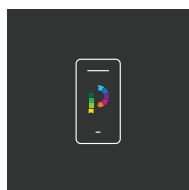
The typical solution plate matching accuracy of the PARKi LPR system is up to 98%. LPR read accuracy depends on the site layout and configuration of all entry and exit lanes.

The PARKi LPR Solution is one of the most responsive licence plate recognition systems on the market, with average vehicle detection speeds of less than 0.5 sec.
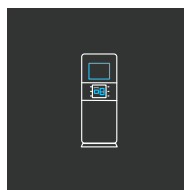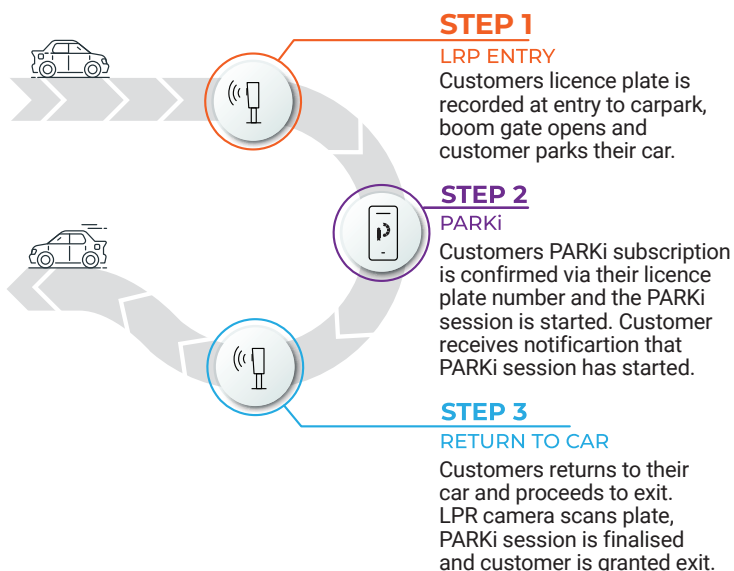
The responsive rate for Licence Plate Recognition, combined with equally responsive boom gates having an up and down action speeds of 0.9 sec, enables drivers to proceed towards the boom gate, with complete certainty of recognition for entering and exiting the car park without having to stop the car.
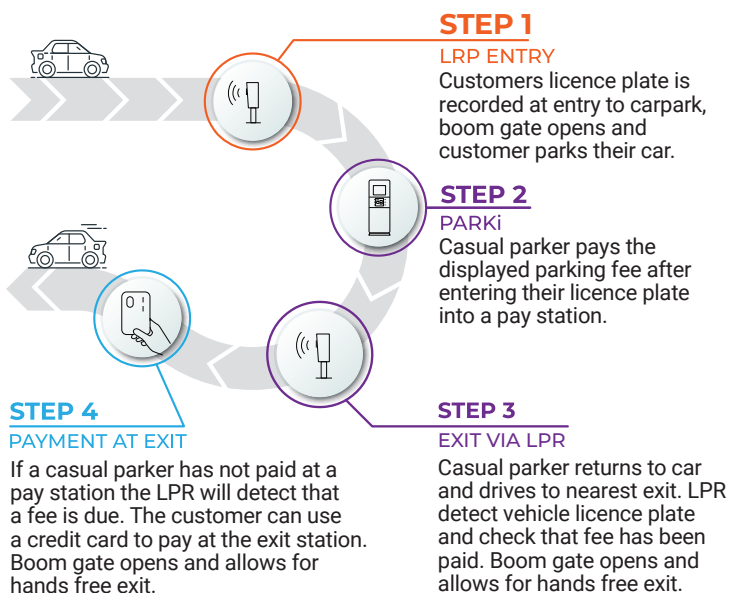
STREAMLINED LPR ENTRY AND EXIT PARKING SOLUTIONS

- PARKi App
- Ticketless parking
- Ticketed Parking
- Permit Parking
- Residential Parking
- Tenant Parking
- Reservations
- QR Code Parking
- Park and Ride
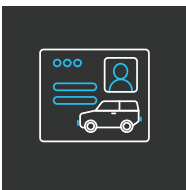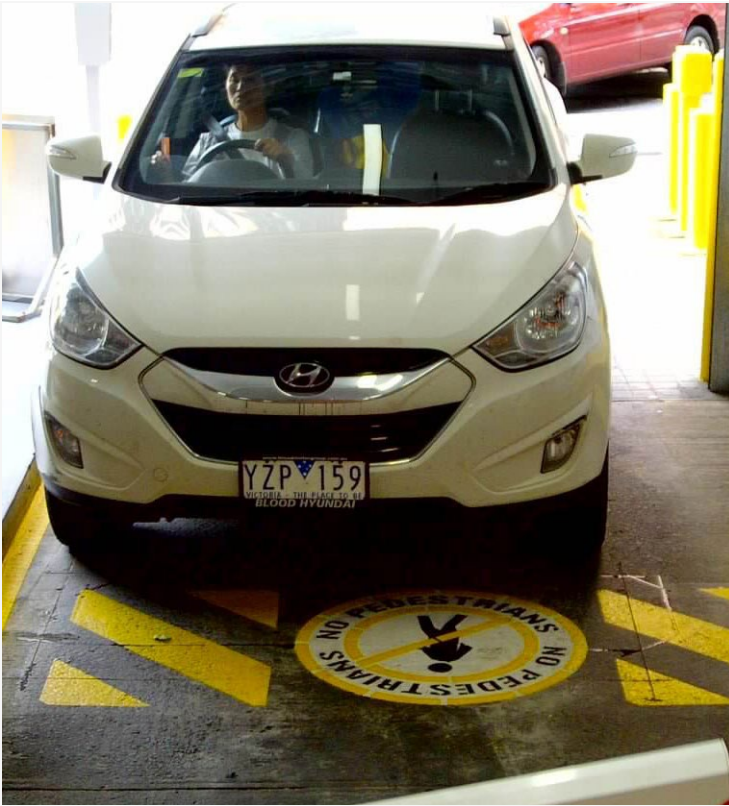
PARKi App or Web Portal Subscriber

STEP 1
LRP ENTRY
Customers licence plate is recorded at entry to carpark, boom gate opens and customer parks their car.

STEP 2
PARKi
Customers PARKi subscription is confirmed via their licence plate number and the PARKi session is started. Customer receives notificartion that PARKi session has started.

STEP 3
RETURN TO CAR
Customers returns to their car and proceeds to exit. LPR camera scans plate, PARKi session is finalised and customer is granted exit.

Ticketless Entry & Exit

STEP 1
LRP ENTRY
Customers licence plate is recorded at entry to carpark, boom gate opens and customer parks their car.

STEP 2
PARKi
Casual parker pays the displayed parking fee after entering their licence plate into a pay station.

STEP 3
EXIT VIA LPR
Casual parker returns to car and drives to nearest exit. LPR detect vehicle licence plate and check that fee has been paid. Boom gate opens and allows for hands free exit.

STEP 4
PAYMENT AT EXIT
If a casual parker has not paid at a pay station the LPR will detect that a fee is due. The customer can use a credit card to pay at the exit station. Boom gate opens and allows for hands free exit.

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ON STREET & OFF STREET
PARKING SOLUTIONS

Residential and Office Permit Parking

STEP 1
LRP ENTRY
Customers licence plate is recorded at entry to carpark, boom gate opens and customer parks their car.

STEP 2
TENANT STATUS
Registered tenant status is confirmation via their licence plate number and the parking session is started.

STEP 3
RETURN TO CAR
Customers returns to their car and proceeds to exit. LPR camera scans plate, and exit is granted. Entry and Exit is recorded for audit purposes.

PARKi QR Code Parking

STEP 1
LRP ENTRY
Casual Parkers licence plate is recorded at entry to carpark, boom gate opens and customer parks their car.

STEP 2
SCAN QR CODE
Casual Parkers scans nearest PARKi QR code on signage (no hardware). They are taken to web based payment system where they enter their licence plate number and credit card for payment.

STEP 3
RETURN TO CAR
Casual Parkers returns to their car and proceeds to exit. LPR Camera scans plate. If customer has entered their credit card details, payment is finalised, the boom gate opens and exit is granted.

STEP 4
PAYMENT AT EXIT
If a customer credit card has not been processed the customer can use their credit card to pay at the exit station and boom gate opens to exit carpark.
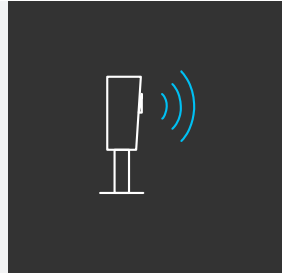
> The PARKi License Plate Recognition solution is at the heart of many of our frictionless and ticketless, smart parking solutions and opens up a world of flexible parking solutions that can be tailored to individual sites and the management needs of operators.

PARKi App Opportunities

Allows for convenient and controlled entry into the car park for both PARKi permit holders and casual parkers using the PARKi App.

On entry, the boom gate will be raised automatically for Permit Holders who have their license plate details stored on the car parking system.

In the event of a misread, Permit Holders may present their backup barcode to identify themselves. Casual parkers enter the car park by inserting or tapping their credit card on the respective reader.
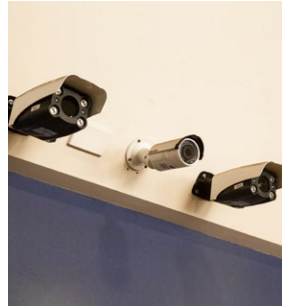
Ticketing Solution

Enables controlled Free Parking for periods of time:

1 - 2 hours to genuine customers.

Any re-entries by same vehicle registration within the free period of parking are flagged and a charge can be applied after the accumulated free period is used.

This stops the abuse of all day parking without consequences.

Ticketless Solution

Enables controlled Free Parking for periods of time:

Vehicle registration numbers are captured on entry via LPR cameras which are time stamped and transmitted to the PARKi server.

Permanent registered users now have the convenience of drive-in/drive-out without having to stop at the exit station on leaving with automatic activation of boom gate.

Motorist can now pay either at a Pay Station kiosk prior to leaving, using coin, credit card, notes, pay wave and 3rd party payments solutions Alternatively casuals can pay using our PARKi app or PARKi QR Code when leaving the car park at the exit gate.

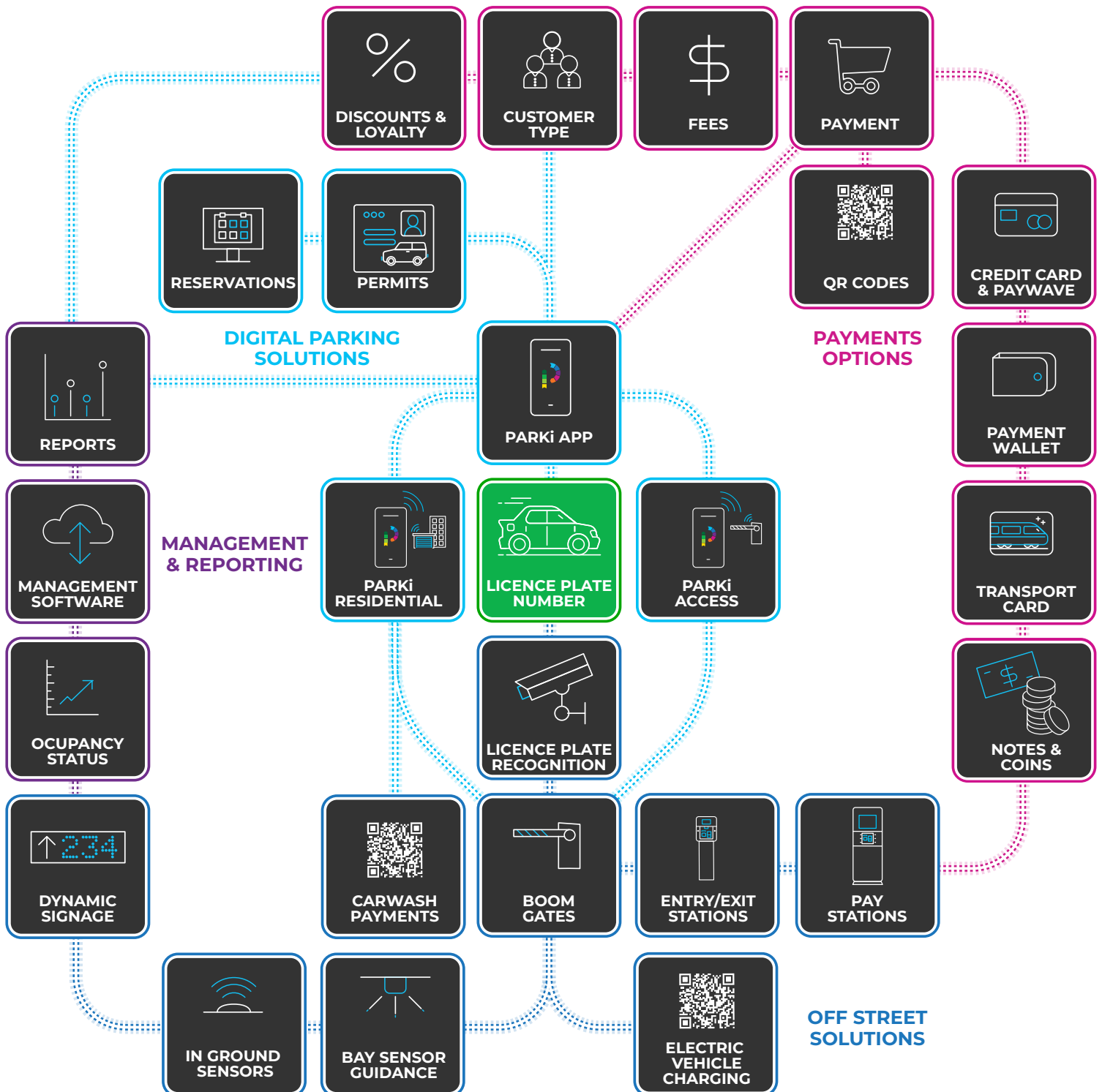If payment is made the boom gate activates automatically for the casual user on exit

We can supply a range of LPR cameras to suit every site including LPR capture from front or rear or both plates on a vehicle.
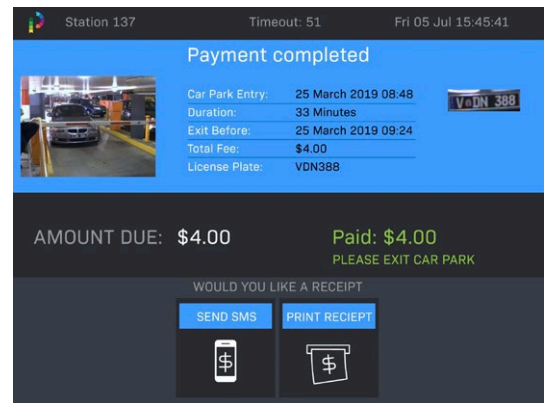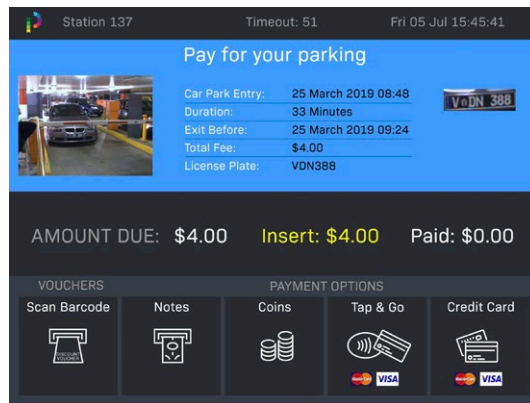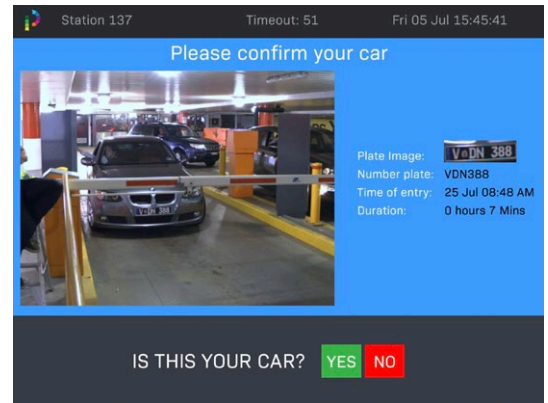
PARKI

ON STREET & OFF STREET
PARKING SOLUTIONS

PARKi is an modular ecosytem of technologies that when combined with licence plate recognition, can deliver individual solutions to cater for specific business and car parking situations.

DISCOUNTS & LOYALTY

CUSTOMER TYPE

FEES

PAYMENT

RESERVATIONS

PERMITS

QR CODES

CREDIT CARD & PAYWAVE

DIGITAL PARKING SOLUTIONS

PAYMENTS OPTIONS

REPORTS

PARKi APP

PAYMENT WALLET

MANAGEMENT SOFTWARE

MANAGEMENT & REPORTING

PARKi RESIDENTIAL

LICENCE PLATE NUMBER

PARKi ACCESS

TRANSPORT CARD

OCUPANCY STATUS

LICENCE PLATE RECOGNITION

NOTES & COINS

DYNAMIC SIGNAGE

CARWASH PAYMENTS

BOOM GATES

ENTRY/EXIT STATIONS

PAY STATIONS

IN GROUND SENSORS

BAY SENSOR GUIDANCE

ELECTRIC VEHICLE CHARGING

OFF STREET SOLUTIONS

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ON STREET & OFF STREET
PARKING SOLUTIONS

Examples of our Licence Plate Recognitions Cameras.

We can supply a range of LPR Cameras to suit any parking site weather undwercover or open air.

Ticketless parking payments using LPR and our Touch Screen Pay Stations.

The touch screen provides the instructions to guide the customer through the payment process.

When used with the PARKi Ticketless LPR Solution the screen allows the customer to easily select the LPR image of their car on entry to confirm the amount of time they have used the carpark. They are then guided through the payment process.

Upon exit the LPR recognises the customers licence plate and the boomgate opens automatically. This benefits the customer and the carpark management allowing fast egress at all exit points.

CALL US ON +613 9696 0622 TODAY TO UNLOCK THE POWER OF YOUR CARPARK WITH PARKi.