



## University of Melbourne

CARLTON, VICTORIA



The CDS License Plate Recognition (LPR) solution implemented at multiple car parks of the University of Melbourne ensures a fast and efficient user experience with a high degree of accuracy for both casual and permit users.



### ENVIRONMENT

- Four separate multi-level car parks with 2497 available parking spaces
- Majority of users are split between permit holders and casual day parkers
- Service Now Portal for control of permit registrations with software integration into iPark car parking system
- Paperless parking environment with option of entry via LPR for permit holders or credit card for casual parkers. On exit, patrons are given the option for a tax receipt

### SOLUTION

Environmental Footprint left by the car parking system is minimal due to the lack of consumables required for paperless operations.

License Plate Recognition allows for convenient and controlled entry into the car park for both permit holders and casual parkers. 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. On exit, permit holders will once again have the boom gate raised for them automatically whilst casual parkers will present their credit card to the Exit Station to process payment for their parking session and have the option to print a tax receipt.

### CAR PARK RULE ENFORCEMENT.

License Plate Recognition system stops permit holders from abusing the conditions of the car park by sharing their permit with other users. This is achieved by remembering each individual patron's registration using the LPR system.

Increased Revenue for the car park operator as there is no longer a requirement for car park patrolling of patrons parked illegally meaning all users who enter the car park are either pre-paid or post-paid customers who will only be granted exit of stay for each matched vehicle, allowing for the automatic raising of the boom gate for vehicles that are within the 2 hours free period.

### USER GROUPS

**CASUAL PATRONS** are provided parking by

presenting their credit card at both entry and exit to calculate their duration of stay and subsequently their duration based parking fee. These users are also given the option of printing a tax receipt.

**PERMIT HOLDERS** are provided with a unique backup barcode linked to their license plates stored into the LPR's operating system.

The LPR system will recognise the license plate associated with the backup barcode and allow the permit holder entry and exit into the car park(s).

### OUTCOME

- Increased revenue due to reduction in manned patrol costs.
- License Plate System effectively improving users experience.
- Quick & easy use of CDS equipment to marginally decrease interaction time between customers and stations.
- Effectively improving traffic flow & user experience.
- Enforcement of car parking rules, customers may no longer cheat the system by getting sharing their parking permit. Improving revenue collection & fair trade.