



Melbourne Sports and Aquatic Centre

ALBERT PARK, VICTORIA

The CDS License Plate Recognition solution implemented at Melbourne Sports & Aquatic Centre (MSAC) services over 30,000 members and casual parkers. Data analysed in the first 3 months of operation revealed an LPR capture rate in excess of 98%.



ENVIRONMENT

MSAC consists of three main car parks, the Southern car park, Multi Desk car park and Staff car park. The Southern car park is used by casual parkers, MSAC members and staff overflow. The Multi Deck car park specifically targets Tenants, MSAC members and casual parkers.

SOLUTION

Given the different parking conditions present at MSAC, License Plate Recognition (LPR) is used as both the control and enforcement of these conditions. If patrons do not abide by their user group conditions, they will be stopped at the exit at the car park and require intervention from the car park operator prior to exiting the car park.

The requirement for this intervention function is to ensure the system cannot be abused and income is not lost as has been the case prior to the CDS installation where all car parks were purely Pay & Display solutions.

USER GROUPS

STAFF are provided with a proximity card and have their vehicle registration stored on the system. This allows the user group to enter and exit without interacting with the station, however, in the event of a misread the prox card can be presented. Staff are only provided access to the staff car park and Southern car park.

TENANTS are provided with a proximity card and have their vehicle registration stored on the system. This allows the user group to enter and exit without interacting with the station, however, in the event of a misread the prox card can be presented. Tenants can only access the Multi Deck car park.

CASUAL PATRONS are provided access into both the Southern and Multi Deck car park with payment process prior to exit based on duration of stay. The patron can either make a payment via cash or credit card at one of the three Pay Stations or proceed directly to the exit to complete a credit card transaction prior to exiting the car park.

MSAC MEMBERS are provided access into both the Southern and Multi Deck car park

and provided with 3 hours free parking with the casual parking rate to apply thereafter. If the member is parked within the 3 hour free parking period they will be granted exit, however, if they overstay past their 3 hour free period, a payment will need to be processed at exit prior to departure.

OUTCOME

Since the installation of the CDS equipment at the Melbourne Sports & Aquatic Centre has seen a massive growth in the number of vehicle transactions and total revenue collected. The LPR technology implemented ensures there is no way a patron can cheat the system and ensures each patron pays their appropriate parking fee.

In addition, there has been widespread acceptance of the equipment by patrons using the car park and the ease of the system both in finding car park spaces as well as reduced congestion levels within the car park.