# Application Note
# Airport Parking

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## OVERVIEW

Many airports often needs to create parking areas for a large number of vehicles and make sure that certain areas of the Airport allows authorised vehicles access only. For revenue collection, it is important to be able to identify a large number of vehicles and make sure that they are charged the correct amount for their parking time. It is also critical to control access of the authorised vehicles such as buses and taxi car to ensure that traffic flow is smooth at pickup and drop-off areas.

With TagMaster RFID readers and ANPR systems the airports will have a secure and efficient solution for vehicle identification and registration.

At the Airport it is extremely important to make sure that only authorised vehicles, such as shuttle buses and taxi cars, have access into certain areas. The barriers or doors are controlled by a TagMaster RFID reader and each vehicle is identified by an tag and the TagMaster software allows user to control the access rights. The software will also provide statistics for arrival and departure for each vehicle.

For the public parking areas you need to be able to identify cars by the license plate and make sure the payment process is as smooth and fast as possible for the drivers.

Overstay and unwelcome vehicles are other important matters that can be managed by the TagMaster software. One example is reporting of suspicious activity. The TagMaster software has a frequent visitor function that allows users to set the maximum number of captures from a vehicle within a specified timescale. If a vehicle exceeds this set limit, it will be reported automatically to the user. This allows automatic monitoring of vehicles might be circling the terminal too many times. The TagMaster software can also have a feature where it can identify vehicle make and color.

## HOW WE HELP

For the public parking area you need to make sure that parked cars are identified and registered properly according to the parking rule. You will need an efficient and reliable system with high readability with several choices for the payment methods.

The TagMaster ANPR cameras and software can operate with barriers or doors or for a free flow access solution.

The system is scalable and you can easy add cameras as the parking area expands. With the JMS software it is possibly to create different categories for parking rights. A category is an access control permission group. E.g. one category could allow its members access from 9:00 until 17:00 through gates 1,3 & 5. The system also allows you to send messages to customer service teams to welcome customers or security to deal with threats remotely.

The TagMaster RFID readers will control barriers and the vehicles that are authorised to access will have an ID-tag. The reader will have a read range of about 1-14 meters (depending on combination of reader and tag). And the vehicles can conveniently drive through the barriers. This provides ease of use for the users without risk of queues.

## PRODUCTS USED

XT-series of readers with passive ID-tags/cards

LR-series of reader and LR-ID-tags

ANPR Cameras

JMS Software

**TagMaster**
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