

Convenient vehicle access to office parking in Madrid

Summary

TagMaster's RFID system provides convenient access and safety for the people working at the AGF building in Madrid.

Challenge

The AGF building accommodates several different companies, which all share the same parking area. In spite of the different companies there are also several types of users: Employees with a fixed parking spot, visitors and maintenance vehicles. To achieve a smooth traffic flow, a long-range and hands-free access system was desired by the employees, who wanted to remain in the car without opening a door or window when accessing the parking area.

Solution

TagMaster long-range RFID readers were installed by the entrance and exit barriers. Each employee received an ID-tag, mounted inside the windscreen of the car to get easy access to the parking area. The readers were connected to a database containing information of staff authorized to access the parking area.

Each time a car, with a valid TagMaster ID-tag inside the windscreen, approaches the entrance barrier, a light signal indicates if access is allowed or denied. The system also has an anti-pass-back function that controls that a vehicle in fact enters or exits the area. Visitors without ID-tags get identified through the interphone and a tag identification number is entered manually into the system (tag read simulation) and the readers perform the same action.



Conclusion

The long-range identification system, providing hands-free vehicle access and high security, is an obvious choice for vehicle access in parking applications.

Products used:

S1500 Reader
S1255 MarkTag