

TagMaster

North America, Inc.

Access Control - Parking

TagMaster RFID for safe and convenient access to the Century Plaza Towers' parking garage.

Summary

Gracing the skyline of Los Angeles Westside, the Century Plaza Towers reflects an image of stability and success. At the centre of the world famous Century City community, the two 44-story towers provide an office space area of 2.25 million square feet. Designed by renowned architect Minoru Yamasaki, the twin towers of Century City represent a landmark achievement in architectural design.

A building such as the Century Plaza Towers generate many visitors and regular workers that create an excess demand for enhanced access control. To handle the crowd entering the building garage at peak hours and at the same time having 100% control of each and every one who passes the barriers, the TagMaster system was integrated with the SkiData parking system. Sentry Control performed the entire installation with success.



Solution

The solution to the problems with overcrowded lanes at entrance and exit peak hours was to integrate TagMaster's long range RFID system with the parking system from SkiData. The TagMaster system, identifying moving objects at a distance of up to 8 ft, has created a smooth vehicle access to the Century Plaza Towers' multi level parking garage.

7,000 car owners gain fast and secure access to the garage by the use of 9 entrance lanes and 12 exit lanes. A personal ID-Tag is mounted inside the windscreen of each vehicle receiving VIP treatment to the parking structure. The 8-digit unique identification code in the ID-Tag makes the system very safe.

Conclusion

The traffic flow through the barriers has drastically been improved after implementation of the TagMaster system. The demand for vehicle access at 15 mph has been satisfied, queuing by the entrance and exit barriers no longer exist. The security and safety aspects have also been fulfilled; drivers can pass the barriers without opening the car window.

Products used:

S1501/02 PassMan Readers

S1255 MarkTags



Challenge

To handle the crowd arising by the entrance and exit lanes at peak hours, there was a need for fast access authorization. The standard for the identification system to be installed was set very high, with a demand of identifying the cars at 15 mph. The cars was not to ever stop before passing the barrier. Still the high security criteria of which vehicles entering the Towers' garage had to be met.

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