FALKEN
Secure Networks

RFID for Rental Vehicle , Car Lot and Car Park Management

RFID car park management system is one of the few real-time locating system that provides fast return of investment. The application is similar to the trailer park application where each car are equipped with an active RFID ZONER tag that beacon periodically while a network of active RFID RELAYER readers are used to monitor and derive the location in real-time. Each vehicle occupies a single XY space. There is no stacked confusion if the parking lot is outdoor as shown in picture. One of the differences may be the requirement of more accuracy for standard cars that are smaller in footprint.

Each car occupies a fixed space. The space is typically 3x3 meters. Placing the tag inside the windshield is preferred.

Each vehicle is tagged with an active tag that beacons periodically with a programmable read distance of up to 500 ft.

Secure Hands-Free Parking Lot Access Control and Fee Management

- The longer read distance and received signal strength for proximity to the gate enables hands-free access to enhance user experience and improve customer satisfaction.
- Automatic processing of parking fees based on different category and/or level of users.
- Improved efficiency and more cost effective against traditional swipe cards.
- Automatic access control into and out of parking lot increases customer safety and security.
- For higher security requirements, additional owner and personnel coupling with automatic vehicle identification can dramatically increase security and prevent loss of luxury vehicles.

Real-Time Locating Function for Vehicle Fleet Management

- A network of active RFID RELAYER-RTLS readers positioned approximately 100 meters or 300 ft apart are used to provide dynamic zone mapping based on the received signal strength.
- Accurate location of vehicles is mapped to within 3-9 ft even in large parking lots.
- Helps to locate vehicle quickly for efficiency.
- Helps to manage defined space parking.

FALKEN Secure Networks Car Park Management System is ideally suited for managing car fleets, buses and vehicles within large or small parking lots.

RFID systems can be used to manage inventory of automobiles in new and used car dealerships and in rental car lots. RFID technology will track the location of each car in the lot at any time. In addition, our advanced RFID technology can automatically check cars into and out of the lot in real time.

Benefits of using FSN RFID systems:

- Enables total visibility of all cars in the lot
- Facilitates just-in-time delivery of cars as they are needed
- Allows inventory of less popular cars to be reduced
- Provides full inventory history of cars at each location
- Enables full control of inventory content and location for cars in the facility
- Gives automatic notification when a car enters or leaves the lot
- Initiates an alarm when a car "disappears" from inventory
- Eliminates manual record keeping, thereby increasing accuracy and staff productivity

FALKEN Secure Networks(FSN)—Your partner for RFID automation

If you choose to pursue RFID implementation in your organization, here is the FALKEN Secure Networks commitment to you:

- FSN will provide solution architects to work with you to define system requirements for your particular installation. Multiple locations can be networked together for a central and real-time view and centralized management.
- FSN will do a RFID site survey to validate radio frequencies, tag types, system design and performance
- FSN will provide all necessary hardware and software to make the system work for you
- FSN will integrate the system with your existing enterprise management software
- FSN will provide documentation for the system, including operating procedures
- FSN will train your people
- FSN will provide warranty and continued system support

For RFID-enabled Document Tracking and Management, FALKEN Secure Networks (FSN) and partners bring together the right technologies to give you control over your files and make your office run more efficiently. Our automated and secure processes save time and labor, and prevent problems before they occur. With FSN ,you get the latest, non-proprietary secure RFID technology with the most powerful and flexible RFID file tracking software available.

Contact Us

FALKEN Secure Networks is a specialized System Integrator, RFID Solution Architect, and Value-Added Reseller with focused expertise in the RFID site survey, cost-effective design, and turn-key project implementation.

Contact FSN at sales@falkensecurenetworks.com

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