



RFID Inc.
A Member of GAO Group



RFID & BLE Parking Control

a tour of GAO's hardware & software solutions

GAO Parking Control – Overview



GAO RFID Inc. has developed turnkey RFID & BLE parking Access Control Systems that can be implemented quickly and simply.

Our Parking Solutions are ideal for:

- **Apartments & Condos**
- **Gated Communities**
- **Parking Lots & Garages**
- **Recreation Operations from Hotels to RV Camps**



Users are issued RFID parking passes such as UHF windshield tags for **hands free, long distance** entry, an RFID card for swiping or BLE parking passes for extra long distance entry. Permissions can be controlled remotely to determine the **type and time of access** and can even be **remotely activated and deactivated**.

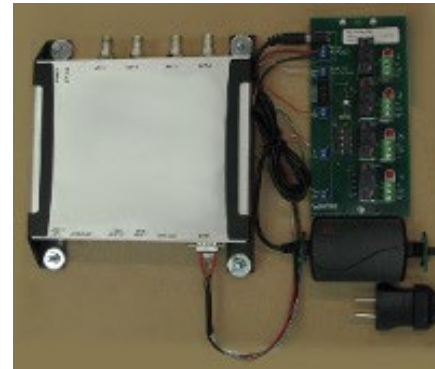
A parking barrier, available in various sizes, is also required to handle one or two way traffic.

GAO Parking Control – Types

GAO provides two unique types of RFID Parking Control Systems



Networked RFID Parking Solution



Standalone RFID Parking Solution

GAO Access Control – Networked Solution

The specific hardware details are dependent on your particular application, but in general would include either

RFID readers with a built in antenna or a **multi-port RFID reader with external antenna.**

Users are issued RFID based parking passes likely either in the form of **windshield tags** affixed to the automobile or an **RFID card**.

For extra long reading distances such as truck parking, BLE is an attractive solution. A BLE beacon is placed on the windshield of a truck, and a BLE gateway is installed at the parking gate.



GAO Access Control – Networked Solution

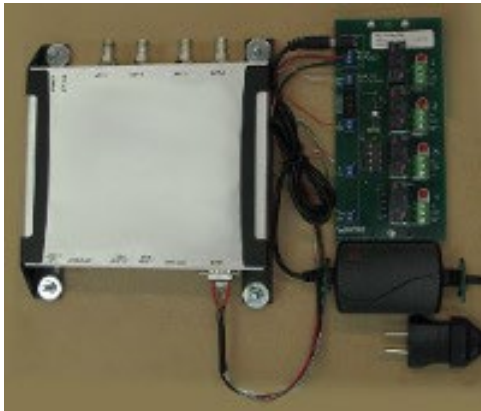
Wired or wireless IP networking for connection with a remote computer running GAO's LocateWare™ RFID Parking Control Software.

A parking barrier is also required. These come in various sizes and can be one or two lane setups and handle one or two way traffic.

The LocateWare™ software program is easy to install and configure and offers all of the features required in typical parking control applications.



GAO Access Control – Stand Alone Solution

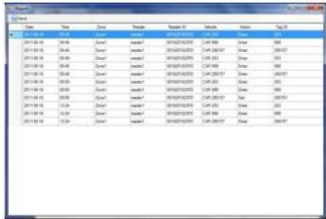


GAO's standalone RFID solution for parking is an embedded application that requires no connection to an outside network or computer. It relies on RFID readers that have **built in intelligence** in that they contain a computer processor and memory allowing them to read the tags and make **decisions based on the software program that runs directly on the smart reader.**

- A USB drive is used to upload and download all user data and activity.
- A database of valid RFID tags is downloaded to the RFID reader simply by inserting the drive into the reader.
- All gate activity, such as which cars entered or left the parking area and at what times are transferred from the reader to the USB key for later processing on a computer.

GAO's Solution: Key Features

- ✓ 24 hour Unmanned Operation
- ✓ History Logs
- ✓ Group & Zone Management
- ✓ Powered by GAO LocateWare™
- ✓ Compatible with a variety of GAO RFID Readers and Tags
- ✓ Restricts Use of Parking Lot



Time	Day	Zone	Reader	Tag ID	Status	Tag ID
2010-10-10 10:00	10/10/2010	Zone 1	Reader 1	123456789	Enter	123456789
2010-10-10 10:05	10/10/2010	Zone 1	Reader 1	123456789	Exit	123456789
2010-10-10 10:10	10/10/2010	Zone 2	Reader 2	987654321	Enter	987654321
2010-10-10 10:15	10/10/2010	Zone 2	Reader 2	987654321	Exit	987654321
2010-10-10 10:20	10/10/2010	Zone 1	Reader 1	123456789	Enter	123456789
2010-10-10 10:25	10/10/2010	Zone 1	Reader 1	123456789	Exit	123456789
2010-10-10 10:30	10/10/2010	Zone 2	Reader 2	987654321	Enter	987654321
2010-10-10 10:35	10/10/2010	Zone 2	Reader 2	987654321	Exit	987654321
2010-10-10 10:40	10/10/2010	Zone 1	Reader 1	123456789	Enter	123456789
2010-10-10 10:45	10/10/2010	Zone 1	Reader 1	123456789	Exit	123456789
2010-10-10 10:50	10/10/2010	Zone 2	Reader 2	987654321	Enter	987654321
2010-10-10 10:55	10/10/2010	Zone 2	Reader 2	987654321	Exit	987654321





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