

# Case Study

## Parking & Access Control

### Eagle's Landing Country Club Community

Eagle's Landing Country Club Community in Stockbridge, Georgia, approximately 30 minutes south of Atlanta, is a gated community of more than 850 homes and 13 miles of private roads. It surrounds a 27-hole championship golf course and is one of more than 200 country clubs and resorts managed by ClubCorp. The challenging course, designed by Tom Fazio, is the centerpiece of the community.

Safety of the community's residents, homes, property, and vehicles is a primary concern. Therefore, resident/member vehicular access into the Eagle's Landing community must be dependable and secure. The security and control that an RFID-based, hands free system offers includes security of access with convenience and speed of entry.

### Reliable Performance, the Top Requirement

Dissatisfied with an installed RFID-based system but appreciative of the RFID long range, hands-free benefits, Home Owners Association (HOA) members searched to find a replacement for the installed AVI system. An important search criteria was finding a local systems support organization that would professionally install the system and provide on-going maintenance support.

Sandy Baker, Gate Access Chair for the HOA, was experienced with the installed system and was seeking a better alternative. He visited a nearby TPC course and observed a successful AVI system, which had been installed by ITR of Georgia, a local TransCore dealer. He then called numerous other gated communities for references. A proposal, which included an AVI system, a gated community-oriented



### At A Glance

#### Goal:

Implement a reliable, consistently performing AVI access control system

#### Scope:

- ▶ Replace installed AVI system
- ▶ Upgrade barrier gates
- ▶ Improve security services delivery

#### Parking and Access Control Needs:

The system handles up to 45,000 transactions per week for residents, country club members, visitors, and service providers.

#### Implementation:

ITR of Georgia installed the new parking system in the fall of 2010.

#### AVI Equipment Profile:

- ▶ 5 TransCore Encompass 4 readers
- ▶ 3500 sticker tags
- ▶ 300 portable tags
- ▶ 50 license plate tags

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software system, and new barrier gates, was solicited and submitted.

## System Selection Considerations

In early 2010 the proposed TransCore-based system was evaluated versus upgrading the installed system. Selection of the new system was primarily based on confidence that it “worked,” and cost, though important, was secondary. The final decision resulted in a July order to ITR for system implementation with TransCore providing the AVI components. Five Encompass® 4 readers were installed in October, system testing was performed, and tags were distributed in advance of starting operation in January 2011.

A variety of TransCore tag types are utilized at Eagle’s Landing: around 3,500 eGo® Plus sticker tags, 300 ID cards for portable tag use (e.g. post office delivery vehicles and school buses), and 50 license plate tags.

## Access Control Profile

The main gate has two inbound lanes, one dedicated AVI lane for residents, relatives, and members, and one manual lane for visitors, contractors, and service providers. For residents, two remote gates (Peach Gate & Tunis Gate) are configured with two AVI equipped lanes (one in and one out). Thus, Eagle’s Landing has a total of five AVI lanes equipped with TransCore’s Encompass 4 readers. All remote gates are unmanned, and vehicle exits require a tag-based transaction. The high activity system handles up to 45,000 transactions per week. With security as the highest priority, the main gate is manned 24/7, and roving patrols are utilized extensively. Tags are required to both enter and exit the community, and all transactions are recorded, capturing both video and audio modes.

**For more information:**  
Call 800.923.4824  
[transcore.com/rfid](http://transcore.com/rfid)

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## Implementation

ITR of Georgia installed the new parking system in the fall of 2010. New magnetic barrier gates were also installed. Testing was performed through year-end and went live in January 2011.

## Rollout

The announcement of the new system was communicated via normal HOA channels, primarily a newsletter to all potential users. For tag distribution, residents stopped by the security office where security personnel affixed the tags to the vehicles’ windshields.

*“We have enjoyed very good system performance. My homeowners are satisfied, and I am a satisfied customer. We wanted to do it right, and the teams delivered what was promised.”*

**Sandy Baker,**

Gate Access Chair, Eagle’s Landing HOA

*Main Entry Gate*



*Peach Exit Gate*

*ITR of Georgia, a TransCore dealer located in Atlanta, implemented the RFID technology at Eagle’s Landing. They provide parking, access, & revenue control (PARC) solutions to clients throughout the state of Georgia and the Southeast. Since 1969, they have successfully implemented solutions in more than 5,000 locations.*

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