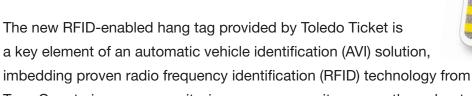RFID-enabled Hang Tag Application for Parking and Access Control
Gated Communities

Challenges

Communities want controlled access that provides a safe environment for people, homes, property, and vehicles. Both convenient and controlled access is required for residents. In addition, approved vendors and other service providers need frequent, even daily, access to the property. A control system is needed to keep out unknown and unwelcomed people – from solicitors to vandals.

The new RFID-enabled hang tag provided by Toledo Ticket is a key element of an automatic vehicle identification (AVI) solution, imbedding proven radio frequency identification (RFID) technology from TransCore to increase security, improve community access throughput, and enhance operational efficiency for your gated community residents, members, and approved guests.

Benefits

Use of the hang tags allows residents to approach the gate without rolling down their windows, thus preventing exposure to potential physical threats and environmental elements. This high level of vehicle security and access control is suitable for small and large communities both residential and recreational.

A hand held reader solution offers additional enforcement capability to the hang tag-based system by reading data embedded in the tag on a walk around patrol basis.

Customer Feedback/Results

Customers have reported:

- Excellent system performance and reliability
- Easily handles visitor, service vendor, and supplier access
- Improved enforcement through tag visibility
- Highly difficult to counterfeit

Toledo Ticket Hang Tag Features

High-density 3-ply teslin; bar codes, masks, and magnetic stripes available

Fade-proof digital or offset printing resists heat, cold, sunlight with no curling or breaking

Holographic overlays and UV sensitive printing

Consecutive numbering available in any color; double-sided numbering

Full range of colors (4-color process or spot color) and finishes that can be back-printed

Extensive variety of stock sizes, custom sizes, and die-cut shapes available

Toledo Ticket Hang Tag Options

Numbering	Bar Code
Magnetic Stripe	Personalization
Signature Panel	Security Printing
Programmable	

The RFID-enabled hang tag incorporates a 915 MHz radio frequency (RF) range programmable, beam powered tag inlay from TransCore, who also offers a wide range of cased and sticker tag formats to complement the hang tag. This allows the system designer to meet almost all application tag requirements posed in the Gated Communities environment. The RFID readers query the data on the hang tags: fixed readers or hand held readers.