

Wireless Solutions

GATEKEEPER SYSTEMS

CONTROLLING YOUR ASSETS WIRELESSLY

THE PROBLEM FACING TODAY'S RETAILER

Whether containing shopping carts or eliminating unneeded labor or maintenance costs, there are many reasons retailers desire to keep shopping carts from going beyond designated boundaries. While historical solutions were limited by transmitting a signal through a buried cable, Gatekeeper Systems has introduced a way to limit a cart's mobility without the use of wires.

Some areas are impossible or impractical to implement with the use of wires but, when used in conjunction with the industry leading SmartWheel, the Gatekeeper Systems' Wireless technology platform is the ideal way to stop carts within a designated area. The Wireless antenna sends a digital signal designating the locking boundary. When the cart approaches this boundary, the SmartWheel receives the signal and locks, immobilizing the cart. Locked wheels are unlocked via handheld remote control or by simply pulling the cart into a separate unlock boundary.

Previous containment solutions placed at points of ingress/ egress have been severely limited because of unique flooring surfaces or layouts. Gatekeeper Systems' Wireless technology platform presents an ideal way to stop carts from moving through just about any point of ingress/ egress including:

- Doorways
- Mall entrances
- Parking garages
- Escalators
- Elevators



TOMORROW'S TECHNOLOGY FOR TODAY'S RETAILER

The Gatekeeper Advantage

- Wireless lock or unlock boundaries can span up to 40 feet
- 2.4GHz, FCC Part 15.249 certified, bi-directional communications
- No need for cutting speeds installation and approval time
- Does not interrupt the integrity of your flooring
- Locking and unlocking capabilities require no door management
- Increases cart availability to customers
- Standardized SmartWheel wheel design allows for braking on multiple surfaces
- One wheel, two applications. The SmartWheel works with both the GS² shopping cart containment system and the Wireless system



INDOORMANAGER

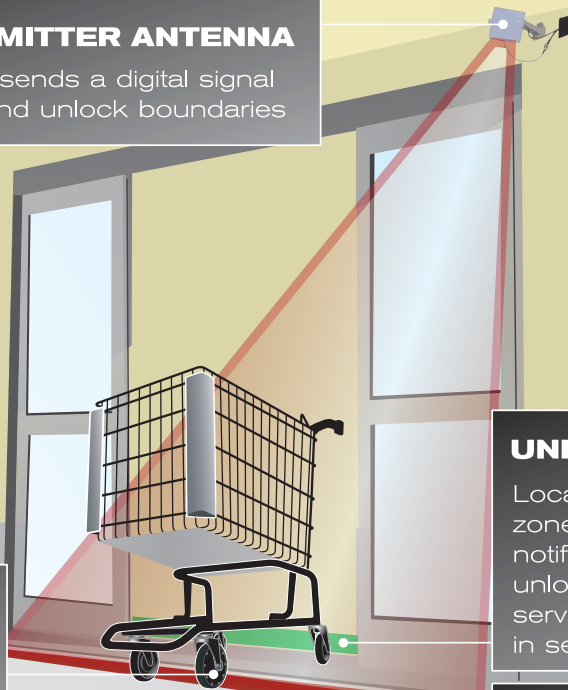
Compact enclosure mounted in each doorway transmits wireless permission signal preventing carts from exiting

SMARTWHEEL

The patented 2.4 GHz wheel was conveniently designed to work with the Wireless system and the GS² cart containment system

WIRELESS TRANSMITTER ANTENNA

The Wireless antenna sends a digital signal designating the lock and unlock boundaries



UNLOCK ZONE

Located behind the lock zone, the Wireless antenna notifies the SmartWheel to unlock. Carts are back in service and ready to roll in seconds

LOCK ZONE

The SmartWheel receives the locking signal in the designated area bringing the cart to a gradual stop