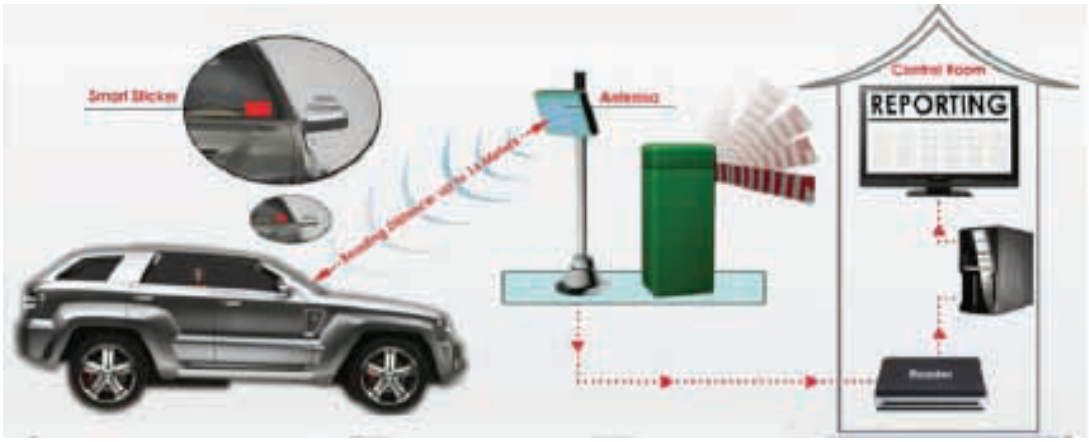

Long Range Smart Technology

About KAPS Long range Smart technology

Based on technology's ever increasing rate of development and a parallel desire to maintain equipment andmachinery relevance, KAPS LTD offers you the ideal Vehicle Access Control System. Through the 'Smart Gate' application, powered by Radio Frequency Identification (RFID) technology, there exists a solution that can fulfill such desires and exceed expectations in the process.

System Description

- Each car is tagged with an RFID sticker (Smart Sticker).
- The reader will identify the car when it enters the RF field (reading distance reaches up to 16 meters depending on the type of reader desired).
- The reader will send the data received from the sticker to the main server (through an Ethernet connection) to check the accessibility of the car from the database.
- If the car has permission, the gate will be opened automatically accompanied with a picture (if desired), while the backend software accurately records such actions/details. actions/details.
- All such events happen in a matter of seconds.

System Components

- Encoding Station: Sticker Programming Device
- Smart Stickers:
- Programmable - Resident Name, Vehicle Number, Address, Unit Number, etc...
- Customizable Design - Logo, Colors, Website, Hotline, etc.
- RFID Reader and Antenna: Together these devices detect (antenna) then check the sticker with the main database for accessibility (reader).
- Mechanical Devices: Swing Gates, Barriers, Sliding Doors, Bollards, Up-and-Over (Garage), etc.
- Customized Software Package: Matching Desired Application for Maximum Benefit from Purchased Solution Package

System Benefits

Security: Greatly improves overall safety

a. Allows management, security, and other residents/employees to know those who have entered or left the vicinity with the appropriate times.
b. Allows facility operators to focus on more important aspects of their job instead of simply logging information.
c. Automated data report with appropriate details can be generated at anytime.
d. The system functions in all environments and weather conditions.
e. It can be easily integrated with other security systems (i.e. alarms, cameras, lights, etc.) for further safety.

Distinction and Delight: The overall image is enhanced as drivers/residents enjoy a hassle free entrance and exit. Also, since the stickers can be read while the vehicle is moving residents/employees will benefit from shorter lines and minimal waiting times.

Communication: Allows for a personalized way to keep in touch with residents/employees; either automatically through a digital screen at entrances/exits or through facility operators - all through the backend software.

Profitability: Can immediately generate return on investment (ROI) as administration can effortlessly sell (and resell) stickers to system users (if appropriate).

Marketing Tool: Stickers are strong but subtle marketing tools and by nature cater directly towards the desired segment(s) and sub-segment(s) within a target market.

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