Parking Attendant Control
a whitepaper by DBK Concepts, LLC

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Introduction

Parking Attendant Control (PAC) is composed of software that runs on a computer and software that runs on a portable data collector. The operator downloads information on the vehicle and owner from the computer to the hand held devices daily. The lot attendant scans the parking permit and validates the vehicle information on the screen against that of the vehicle. This information includes such items as the tag number and vehicle make and model. The data collector will also notify the lot attendant if the permit has expired. Also, if there is a violation, the lot attendant will then select from a drop down list of options: such as warning, citation, towing, etc. This data is synchronized back to the main computer for data storage or so that additional tasks can be performed.

Parking Attendant Control is customizable to include additional features such as an entry point control arm or gate.

Problem Statement

Many large parking lots such as multi level parking garages or permit parking areas face the problem of counterfeit parking permits. People copy parking permits and give them to family members friends and even sell these duplicate permits. This takes revenue away from the parking garage administration and also ties up parking spaces.

Permit renewals and expirations are difficult to track and check with just a visual inspection. Again this affects the revenue for the lot.

Previous Options

- Visual check and paper log of violations, with manual follow up and verification

- Visual inspection of vehicles for expired or counterfeit permits

Praxis Solution

As part of our solution we tag every vehicle with a uniquely valued barcode and create a master database that will contain both the vehicles' and owners' information. The lot attendant will use the handheld to scan vehicles parked in the lot and will take action based on information displayed on the data collector.

Benefit 1

By scanning the vehicle, you get instant feed back on the screen such as whether the vehicle is legally or illegally parked.

Benefit 2

You are able to track all actions taken against an illegally parked vehicle.

Benefit 3

You are able to automatically e-mail your customers and notify them of renewal dates for their expiring permits.

Implementation

All vehicles' and owners' information must be entered into the main database. This can be done manually or as each customer buys a permit. This can also be imported if a previous database exists. The permit must be placed on the vehicle's windshield.

Summary

By using **PAC** you will increase the amount of permits sold on an annual basis by simply eliminating those who choose to make copies and circumvent the system. You will also have good record keeping of all activities and actions that are taken due to violations. The **PAC** will also simplify the permit renewal process through early notification of an up coming permit expiration.