On street Parking Enforcement / Mobile Technology

Presented By Impala Technology

Standard Method

Issuing Of Tickets Using Books

Benefits
- Issuing Of Tickets

Problems
- Books could go missing , loss of Revenue
- Labour intensive ,Error prone
- Speed of issuing ticket
- Lack of information that can be reported
- Reporting cumbersome

Handheld Method

Benefits

- Collection of data for ticket more efficient
- Data from handheld could be loaded to back office system directly
- Less labour intensive for Admin staff
- No loss of books , No loss of information , No loss of Revenue
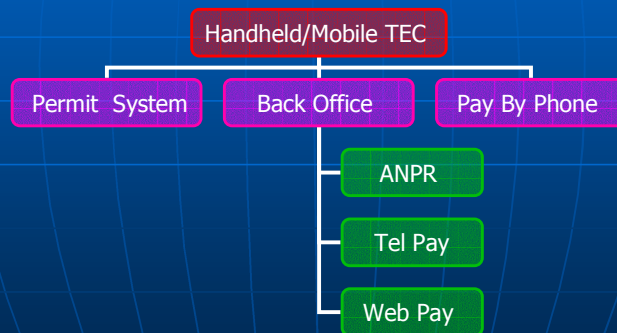- Productivity and efficiency increased

Disadvantage

- Handhelds still have to be returned to office for downloading

Handhelds with Mobile Technology

Benefits

- Data from ticket sent back to the office in real time – flow of information is faster
- No need for warden to return to office , (more productive)
- Validate permits whether they be Physical or Virtual
- Integration with a Pay by phone parking systems i.e. Park Magic
- Reports of P and D faults in real time
- Information can be sent to Traffic wardens through the handhelds I.E Habitual offenders , emails , Bulletin broadcast
- Ticket information live for immediate payment

System Overview

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                    ┌──────────────────────┐
                    │  Handheld/Mobile TEC │
                    └──────────┬───────────┘
        ┌──────────────────────┼──────────────────────┐
┌───────────────┐    ┌──────────────┐      ┌──────────────────┐
│ Permit System │    │ Back Office  │      │   Pay By Phone   │
└───────────────┘    └──────┬───────┘      └──────────────────┘
                            ├──────┌──────────┐
                            │      │   ANPR   │
                            │      └──────────┘
                            ├──────┌──────────┐
                            │      │  Tel Pay │
                            │      └──────────┘
                            └──────┌──────────┐
                                   │  Web Pay │
                                   └──────────┘
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Summary

Why use Handhelds with mobile technology

for On street parking enforcement

- Real Time
- More data can be captured
- Makes integration with Other system possible
- More efficient , more productive , More Revenue
- Reporting can be up to date