



FineTracker™

Product Brochure.



Introduction

Impala Technology's vision is to make FineTracker the software framework of choice for local authorities to enable the delivery of the benefits of the new business model that this technology facilitates.

There are effectively two distinct components to the FineTracker solution:

- Handheld System
- Back Office Management System.

Handheld Solution:

The handheld software was designed and tested in conjunction with wardens from different locations that would be using the system. This gave Impala Technology the opportunity to develop a system for the wardens that would be of huge benefit to them. After plenty of feedback and improvement suggestions we moulded a solution that the wardens find indispensable in carrying out their daily duties.

Our handheld system had to match perfectly three main criteria to fit the solution.

- **Hardware** (lightweight, compact, rugged)
- **Software** (rapid entry of tickets, memos, logs etc. Intelligent and easy to use)
- **Communications** (Reliable and fast communication between handhelds and back office system.



Software

- Fast and easy to use.
- Large bold font and custom built keyboard to make data entry fast and less error prone.
- Full colour screen with the use of recommended colours for optimum viewing in an outdoor environment.
- Ticket history. All data is stored in encrypted compressed form on SQL CE database.
- Intelligent Software, eg associates the most common offences with a particular location which speeds up the ticketing process as the warden can now find the relevant offence rapidly.
- (Optional) ANPR (Automatic Reg Plate Recognition) this enables the warden to just point the inbuilt camera at the reg no of a vehicle and it will decode the reg no in less than a second, meaning the warden would never even have to type in the reg no.
- Step by step sequence in issuing tickets enabling the warden to produce a ticket in a matter of seconds and if he/she makes a mistake (e.g enters wrong vehicle colour) he/she can easily step back to correct the mistake.
- Resident permits – System will alert warden if the vehicle he/she entered has a permit associated with it.

Communications

- Press of a button to send handheld data to back office system.
- Handheld automatically picks up and changes to files on the back office system, e.g a new location or make.
- GSM/GPRS communication to enable sending of tickets, logs and memos to back office in real-time (SSL 128 bit encryption coupled with custom encryption).
- Batch sending of tickets, logs and memos for non real-time systems.
- GPS Location information.

Back office software (Finetracker)

- Ticket information is uploaded from the handhelds and generates a viewable database of all records.
Information is accessible using either ticket number, registration number or name.
- Fine Tracker Management System is compatible with Agresso and can be configured to suit other accounting packages.
- Communicates with the Vehicle Registration Unit system via e-mail to update vehicle ownership.
- Interfaces with the Courts Services in Dublin to allow the scheduling of court appearances.
- Generates notifications for unpaid fines and issues a 7 day notice.
- Generates S103 forms for the Local Motor Taxation offices verifying owner details. These forms are now required for all court appearances pertaining to a parking offence.
- Generates summons for all offenders who fail to pay their fine.
- Facilitates the Appeals process and generates replies based on the appeal decision. Whilst on appeal a ticket cannot receive a summons etc. However once a decision is made, the ticket is reactivated or cancelled, depending on the appeal result. This feature eliminates the possibility of a motorist being fined in court while an appeal is in progress.
- Tracks all correspondence associated with an offence including standard letter replies.
- Facilitates the generation of customisable management reports including Audit Reports, Offence reports, Revenue reports etc.
- Generates a “blacklist” of all persistent offenders. In particular where towing and clamping is in operation, it allows the operator to decide on the amount of unpaid parking fines to accumulate in a specified period i.e. 1 month, the warden is alerted and can arrange immobilization of the vehicle. Payment of fines and related charges could be collected before the vehicle is released.
- Facilitates the tracking of foreign registration owner details enabling you to collect on these fines.