

## Success Story of Parking System in Turkey

<b>Country</b>	<b>: Turkey</b>
<b>Distributor</b>	<b>: MOBIL BILISIM A.S</b>
<b>Customer</b>	<b>: The city of Izmit</b>
<b>Product</b>	<b>: Casio IT-3000M53E Industrial Data Terminal</b>
<b>Application</b>	<b>: Public Service</b>

### User's profile and a solution to parking problems

The city of Izmit is a province east of the Marmara Sea and the Marmara region which connects Asia and Europe, located in the Çatalca-Kocaeli part of Marmara. The Black Sea is to the north, the Sakarya province is in the east and south east, Bursa is in the south, and the provinces of Yalova and Istanbul are located to its west.

The local municipality required a system consisting of the CASIO IT-3000M53E industrial data terminals to reduce the number of illegally parked vehicles on the roadside and to improve traffic flows incoming to the city and outgoing from the city. This idea also contributed to an increase in the city's revenue and the avoidance of traffic jams.



A warden begins to operate the CASIO IT-3000M53E as soon as he finds a vehicle parked at roadside.



The warden issues parking ticket in return of collecting parking fee.

### Installation

By July 2008, **Mobil Bilisim A.S.** – an importer and distributor for CASIO PA products in Turkey – delivered and deployed twenty CASIO terminals with the terminal software preinstalled as initial installation to the local municipality. Training to operate the terminal was also provided for all the city's wardens, whose duty it is to issue parking tickets and collect fees.

## System Configuration

The parking control system consists of the Casio IT-3000M53E terminal and the HA-B6110 cradle. Twenty terminals are operated daily by the wardens on streets, and an HA-B6110 cradle is located in the office to upload data to a host computer at the end of each day. This allows complete management review on daily transactions recorded by each warden and accurate analysis for better performance and increase of the city's revenue.

Each warden has a responsibility to control up to 12 vehicles (maximum) which can be fit within an area of the roadside where a yellow line distinguishes from the traffic area. The warden must input data into the terminal such as the vehicle's registration number, parking start and end time, and issue ticket of the parking. At the end of each parking, the warden collects the fee. The whole process of the parking control on street is performed by the IT-3000M53E terminal alone.

PARKOMAT PROGRAMI (v1.1)

795C04494AABF2

İşlemler

- Bilet İşlemleri
- Transfer

Raporlar

Ayarlar

Çıkış

Kullanıcı Bilgileri

Kullanıcı Adı: MURAT BATUR

Kullanıcı Şifre: \*\* IPTAL

TÜM HAKLARI MOBİT AŞ'YE AİTTİR. (c) 2006

A sample screen of the application appeared on the CASIO terminal.

PARKMETRE İŞLETMESİ

0 152 222 42 21

51 AY 155 15/08/2008 16:57

BÖLGE : 0006 - GORCU CAD

PERON : 0011 - v4.1.2

GİRİŞ : 15/08/2008 16:44

ÇIKIŞ : 15/08/2008 16:53

TARİFE: YARIM SAAT - 0.85 YTL

SERİ NO: 000016070

KDV TOP: 0.15 YTL

**TUTAR. : 0.85 YTL**

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MALİ FİSİNİZİ ALINIZ

A sample of a parking ticket issued by the CASIO terminal.

## **Why did the user select CASIO?**

Previously, the city had used many different types of parking equipment and hardware for controlling parking on the roadside. Most of them forced the city to educate the wardens in a complicated installation process which resulted in environmental destruction and high cost. These other systems were unreliable and less systematic. For example, fixed park meters had been installed to collect fees, but they did not allow management to control data for their analysis related to the parking.

The new parking system with the CASIO terminal solves these problems and thus is dispersed rapidly throughout the city. The following benefits were achieved:

- Large display screen allows the operator to track large number of vehicles at a time.
- Integrated 80mm width printer provides fast and quality printout.
- The terminal weighs only 820 grams, so it's easy to carry.
- Heavy and complicated installation process is not required.
- Total cost of the new system is far less compared with that of obsolete parking systems being installed in many parking areas.
- Synchronization with PC is possible.
- Easy data input on the touch panel allows better performance by the warden.