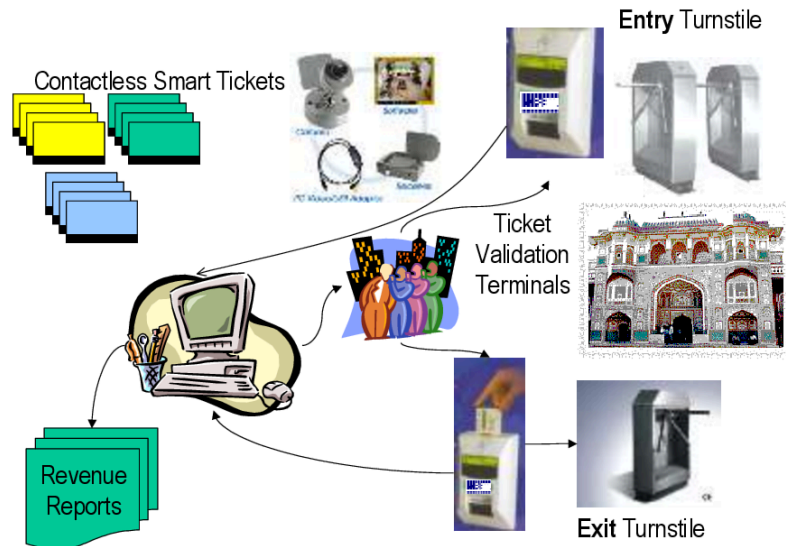


## ACCESS FACILITATION SYSTEM (AFS)



### Description

The Access Facilitation System (AFS) is an integrated system comprising of turnstiles, contactless card readers, TCP/IP network switch, a PC System, Printer; associated network cabling; and power conditioning system.

The system facilitates controlled access to sites where entry fee is levied. The system operates through pre-initialised contact-less smart cards issued against payment of entry fee. The card is required to be presented at the card reader located on the entry turnstile. The reader remotely reads the card, validates it immediately against the data-base on the PC, and on affirmative validation, activates the turnstile for a single entry. The system ensures that reentry on the same card is not allowed. The visitor is required to retain the card during the visit. After an entry is secured into the premises through this system, the exit is also through a turnstile gate.

At the exit turnstile gate, a collection box is installed with a card reader fitted inside it.

The visitor is required to drop the card in the collection box, whereupon the reader reads the card, performs validation against the entry information database in the PC and activate the turnstile for a single exit.

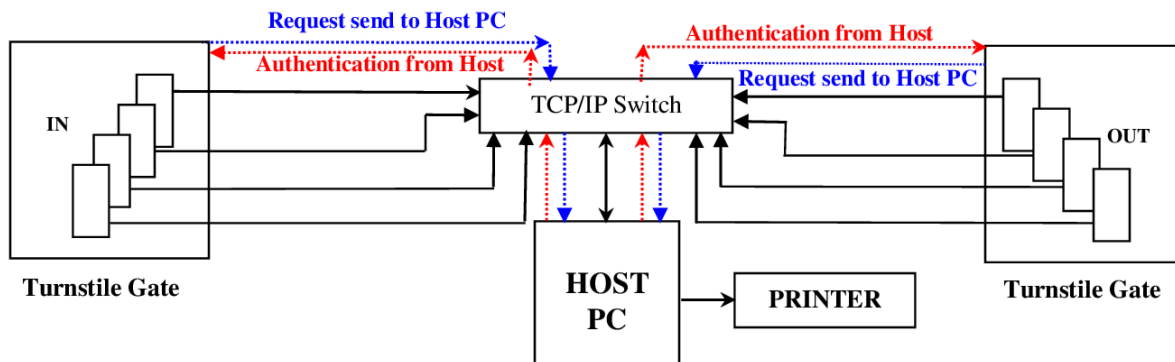
The time stamp of all transactions is transferred to the PC and various day end reports can be printed using the database.

### Features

- Fully customized Access Facilitation System.
- Instant calculation
- Instant display and report
- Representative reports:
  - Total Collection Report
  - Ticket Issue Report

Reports can be printed on shift/day/month basis.

## Flow Diagram



## Specifications

A typical system configuration would comprise of following sub-systems/components. The quantities would vary as per requirements:

- Turnstile Gate
- Contact-less card Reader
- TCIP/IP switch
- Personal Computer
- Printer
- Contact-less Smart Card (EEPROM 1Kbyte)
- Uninterrupted Power Supply
- LAN cabling and accessories

### TURNSTILE GATE

- Compact design and reliable mechanism.
- Bi-directional control
- 3 x 120° tripod arm movement
- Integrated Card Reader



### OPTIONAL: Various types of gate

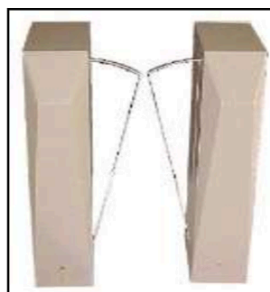
### Host PC Software

- Ticket initialization software.
- Host PC software

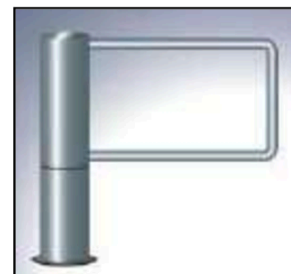
### Optional

- Closed Circuit Surveillance System
  - CCD Camera
  - TV System
  - Digital Video Recorder

Note: A pre-implementation study is a pre-requisite for such projects, to identify the system requirements and user requirements. The customization can be done as per the user requirements.



Retractable Flap Barrier



Swing/ P-Type Gates



Half Height Turnstile Gate



Full Height Single/Duel Turnstile Gate

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