



Conventional Ticketing

Fare collection is a significant cost head for any Public Transportation Network, especially for low value tickets. Ticketing becomes expensive when the average cost of the ticket is low and the number of commuters is very high. It requires a number of manned counters to issue tickets in a busy location. Still there are long queues in rush hours but poor utilization of counter facility in slack hours. Public Transport operators like Indian Railways look for alternate options to cut down the costs.

Ticketing through Kiosk

The recent trend is to deploy Self-service Kiosks for ticketing in public transportation like Railways, Urban Metro, Bus services etc. Kiosks can be placed in stations as well as various public places for round the clock provision of service, decreasing the load on the counters substantially.

Mega Designs Offering

Mega Designs offers *ATVM*, a one stop card based automated ticket vending kiosk, that:

- Provides an easy interface for ticket buying process
- Brings a flexible modular design for interfacing with various types of peripheral devices
- Offers an open interface for making connectivity with any backend application stack

Mega ATVM Features

- √ Modular design
- √ Energy efficient
- √ Touch Screen based interface
- √ Card based payment
- √ Network connectivity
- √ Ticket printing
- √ Detailed Transaction reporting

Mega ATVM Advantages

Self service ticketing lowers the cost of issuing tickets both in rush hours and slack hours. Also, Mega ATVM is backed by excellent After Sales Service, reducing the Total Cost of Ownership of EzeeTicket in comparison to similar solutions.

Mega ATVM Components

- Thin Client based Processing Unit
- Touch Screen
- Smart Card reader
- Ethernet networking
- Rugged Ticket Printer
- Electronic Lock for Cash Security
- Built-in UPS for limited power backup

Other Products from Mega Designs

Mega Designs offers a wide range of currency handling / self-service products such as :

- *Cash/Coin/Card operated ticket vending machine*
- *Smartcard dispensing/recharge machine*
- *Utility bill payment machine*
- *Coin vending machine*

Mega ATVM Technical Specification

Hardware:	Intel processor based thin client
CPU:	Dual core CPU @ 1.6GHz
Memory:	2 GB/4GB RAM
Disk:	4GB Flash as primary and another 4GB as secondary/redundant
Operating System:	Customized small footprint Linux with kernel 2.6.32 or above
Connectivity:	TCP/IP based networking with standard components like DHCP, DNS, Telnet, FTP etc.
Java Support:	Java run time (JRE) version 1.6 or above
Application Programming Interface:	As per client requirement
Display:	17 inch LCD monitor 16:9 Aspect Ratio
Input Methods:	Projected Capacitive touch screen
LAN:	Ethernet 10/100 Mbps
Card Reader:	ISO 14443A based smart card reader with SAM slots
Ticket Printer:	Rugged ticket printer with auto-cutter and black-line detector
UPS:	UPS with 30 minutes backup
Security	Electronic lock for cash vault
Cabinet:	Sheet steel body with powder coat paint finish



Image of ATVM machine being used by Indian Railways at stations for issuing Unreserved Tickets.

Mega Design Private Limited

Module 301, SDF Building, Block GP, Sector V,
Salt Lake Electronic Complex, Kolkata - 700091, India.
Phone: +91 33 23571906, Fax: +91 33 23576199
Email: sales@megadesigns.co.in