

M-Ticketing

M-Ticket is a new way to receive transport tickets delivered directly to your mobile phone via M-Ticketing Application in the form of Human Readable Format and Barcode format (Linear & Matrix Barcodes) which will be used to authenticate the journey. Mobile ticketing is the process whereby customers can order, pay for, obtain and validate tickets from any location and at any time using mobile phones or other mobile handsets. Mobile tickets reduce the production and distribution costs connected with traditional paper-based ticketing channels and increase customer convenience by providing new and simple ways to purchase tickets. Mobile ticketing is a prime example of horizontal telecommunication convergence.

M-Ticketing technology allows customers to buy, receive and display tickets on their mobile phones. Our app provides them with train or bus times and fare prices, and then delivers the ticket as a barcode, human readable format or Near Field Communication (NFC) within the application. This means customers spend less time queuing up for tickets and more time enjoying their journey. The ticket can be generated with in no time with less process. In this we get the passenger information with linear barcode & 2D barcode, by scanning this barcodes we can identify whether a passenger has travelled on what time. So m-Ticketing makes perfect sense for today's passengers, but it must be built on a strong business case for train or bus operators.

M-ticketing will also updates the vehicle location online, by this feature traveler need not wait at boarding point.

Barcode M-Tickets

M-tickets can be delivered to customer's phone as secure 2D barcodes. This allows passengers to scan their ticket and have it validated quickly and securely. Scanners can be handheld, retrofitted to existing station gates, or installed as part of brand-new gates. The passenger simply shows their phone's screen to the scanner, which validates the ticket in less than a quarter of a second, allowing the passenger to continue their journey with the minimum of interruption.

Secure Readable M-Tickets

M-tickets are also available in a human readable format, delivered in conjunction with a barcode. They are designed to look and function like a normal paper ticket. In this format, staff can check

an m-ticket on a customer's phone without scanning equipment. The passenger activates their m-Ticket before they travel, which marks it as being used. After being activated, the m-Ticket pulses with animated color signatures that changes over time to prevent fraud. Inspectors can verify the colors using a color reference application on their own handset.

NFC M-Tickets

When phones with secure contactless technology also known as Near Field Communications, become widespread in the market, m-Tickets will also be available in this format. They can be validated by existing contactless readers on station gates. This means that transport operators who have already invested in a contactless infrastructure can implement an m-Ticketing system and expand their sales reach using existing hardware.

ADVANTAGES

- Reduce queues
- Reduce the cost of sales
- Improved consumer convenience
- Increased revenue by increasing accessibility of tickets
- Simple-to-use
- Less infrastructure
- Less usage of internet bandwidth
- Simplified and advanced Technology
- Secured payment option
- Can be delivered in local language

Benefits

- Ticket will be generated through APP with very less keys
- Secure ticket
- Secure payment through credit card and debit cards
- Traveler will get alerts on the bus location on every 5 mins
- Find the exact location and navigate to your boarding point on a map

- Track your bus on a map using real time location updates