

WE UNDERTAKE E-TICKETING SYSTEMS FOR RAILWAY SYSTEMS

NIGERAILS is capable of implementing an e-ticketing system in Railway operations particularly the on-going new standard gauge Railway projects in replacement of the present outdated, fraud and delay prone and non-cost effective system.

NIGERAILS had done similar project named RAILTRACKER on the narrow gauge system, an indigenous application for railway operational tracking. Indeed NIGERAILS was the first to introduce Rail tracking in Nigerian Railway system.

However, technology had upgraded and NIGERAILS is tagging along and is modelling this project to brace up with current IT upgraded systems.

The proposed e-ticketing system will encapsulate a WEB based application and will accord you and your customers: -

- a. Easy booking at ticket counters and also introducing ON-LINE booking as applicable with the airliners.
- b. On the spot printing cheap and reliable barcoded tickets
- c. The system keeps records of all transactions and issues periodical reports like; kudit, monthly or yearly. The records are of all these transactions are viewed and monitored by all approved officials.
- d. Each booking allocates train coach and seat number and also blocks the allocation from duplication and informs other users.
- e. The system disallowed standing or squatting passengers as booking closes when all seats are allocated.
- f. Barcode readers shall be used to authenticate tickets prior to entry and this also automatically invalidates this ticket for a re-use.
- g. Ticket checkers on train will also have mobile ticketing machine that reflect their activities on the train to the WEB so that they also monitored.
- h. Each coach will have free Wi-Fi to entice patronage from customers
- i. For customers booking on line, funds are sent to Railway systems designated account while the service provider takes a commission payed by the purchaser of the ticket (Railway's revenue is intact).
- j. The authorized officers including the Managing Director and Director of Operations and Finance will at the comfort of their telephones access and monitor this commercial event.
- k. A customer who has purchased a ticket on-line will need to use his reference

number to obtain a boarding pass at the station of embarkation.

- l. All passengers are boarded through an entrance where the barcode reader authenticates each passenger ticket.
- m. All operators and their supervisors will undergo training sessions to acquaint them with the operation of the system. Each operator, supervisors and approved Director will be assigned with a PIN for access.
- n. Each ticket has the passengers personal data including Name, age, station of embarkation, Destination, train no, coach and seat number, departure and arrival time and fares. However, passengers are not belabored as the computer does more or these jobs.
- o. The system will also generate a manifest for the train.

To kick-start this project, NIGERAILS undertook a tour of most current Standard gauge facilities of the on-going Railway Standard gauge systems by train so as to understand the modus operandi in the new dispensation, interacted with operating & commercial staff and also customers sensitizing them on the introduction of on-line ticket booking. It was a generally accepted as an event that will ease lots of hiccups in the ticketing transaction. Our data collection, measurements and related investigations were conducted alongside and finally our analysis culminated into the attached Invoice.

The framework of the project is in progress and the product ready for delivery in shortest possible time to both Federal Railways and the States who are venturing into Railway construction and operations.