

Landing and Parking Billing System for International Airports

Airport Landing and Billing System Improves Efficiency of Airport Department



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Customer Profile

Kilimanjaro International Airport (KIA) was officially opened in December 1971, as a landmark of Tanzania's tenth independence anniversary, by the country's first president, Mwalimu J.K.Nyerere and is the first airport in Tanzania to be privatized. Kilimanjaro International airports also serve as "hubs", or places where non-direct flights may land and passengers switch planes. As it is strategically positioned between Kilimanjaro and Arusha, the two popular destinations for tourism keep the airport occupied and attract many international airways.

Business Situation

Kilimanjaro Airport being one of the busiest airports in Africa was facing complications to perform automatic and accurate billing operations. The airport used desperate systems and most of the information was fed in manually leading to the lack of automated solutions, airports have relied on the honor system, whereby users self-report their landings, parking, cargo landed, and the like. This process had become lethargic and time consuming and the management needed to upgrade the airport landing and parking billing system which contributed a big portion to the airport revenue. The new system needs to be sophisticated, adaptable and feasible with the other systems of the airport in order to generate accurate lists of charges for each customer grouped by month.

Solution

Techno Brain successfully and seamlessly implemented Airport Landing and Billing System designed to generate required data with the flexibility required by airports to invoice customers, examine airport traffic, manage lease and yielding revenue. The solution adopted was a subject - oriented, non-volatile and time variant generating charges according to predefined parametric tables. The Airport is now able to appropriately charge the landing and parking fee for various customers as it is able to retrieve accurate flight details and also provides the airport with a standard price sheet based on domestic and foreign airways.

Benefits

- **Allows price-plan configuration** -The solution has resulted in organizing the vast data base, based on which accurate billing information is retrieved to take comprehensive decisions and pricing structure
- **Time reduction** - Techno Brain provided KIA with an effective Billing System which can exactly match and implement charging processes without lengthy code and development processes
- **Automation and Customization** - The solution provides automated gathering of billing data and customized billing according to billing rules and formulas set up for each Airline/client

Customer:

Kilimanjaro International Airport (KIA) is a hub for passengers as it is positioned between Kilimanjaro and Arusha the two popular destination for tourism

Industry:

Private

Business Situation:

KIA were facing complications in managing automatic & accurate billing operations. They were in need of a solution that was feasible with the other systems of the airport and which could generate accurate lists of charges for each customer grouped by month

Solution:

Techno Brain's Airport Landing & Billing System helped Kilimanjaro International Airport to charge appropriately the landing and parking fee for various customers with accurate flight details and also with standard price sheet based on domestic and foreign airways

Benefits:

- Allows Price-plan Configuration
- Effective Billing System Reduces Time
- Automation & Customization