Case Study

TECHNO BRAIN
Empowering Lives

Implementation of Landing and Parking Billing System for Airports

Landing and Parking System enables TAA process and work efficiently with accuracy

Implementation of Landing and Parking Billing System for Airports

Customer Profile

Tanzania Airports Authority (TAA) is a semi-Autonomous Government Executive Agency under the Ministry of Infrastructure Development. It was established in 1999 under the Executive Agency Act in 1997. It owns, operates, develops and maintains 62 airports and airstrips in Tanzania mainland. The role of TAA is operating, managing, maintaining and developing government owned airports nationwide in a professional and cost effective manner. The vision of TAA is "To become a model in the provision of airport facilities and services in Eastern African by 2010" and her mission "To provide high quality airport services and facilities in a most cost effective manner".

Business Situation

TAA operates, manages, maintains and develops government owned airports nationwide in a professional and cost effective manner. One of the objectives of TAA is to eliminate the reduplication of data by the various departments; by automating the manual development of flight strips and the solution need to have the ability to retrieve information for generating invoices and reports. As information is gathered at the source, a high degree of data accuracy was expected. They also required a system that could be accessed via the Internet or WAN.

To handle the tracking of parking fees, a customer with the Aircraft Identification field is set to PARKF is defined. All parking fees collected is assigned to this customer. This report summarizes charges by the flight and fee type for a specified year. It lists the charges for each customer grouped by month.

Solution

Techno Brain successfully and seamlessly implemented a subject-oriented, non-volatile and time variant Billing System which generates charges according to various tables. The system provides support for the variety of cargo fees, landing fees, and other generic charges and allows the user to enter the necessary information to define these charges: Engine Type Charges, Fee Information, Apron Parking positions, Air-bridge. TAA is now able to efficiently track various customers land and park with ease due to the wide options and features in the Techno Brain Billing and Landing System.

Benefits

- **Increased Revenue -** The solution has resulted in increased revenue due to accurate invoices

- **Streamlined Process** - Techno Brain provided TAA with an effective Billing System which stores huge data across various departments and streamlines the process of billing

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:
Tanzania Airport Authority operates, manages, maintains and develops government owned airports nationwide in a professional and cost effective manner.

Industry:
Government

Business Situation:
TAA needed a solution that can eliminate reduplication of data, retrieve information for generating invoice & reports and that can gather data with accuracy.

Solution:
Techno Brain's Billing System provides support for the variety of cargo fees, landing fees, and other generic charges and allows the user to enter the necessary information to define these charges.

Benefits:
- Increase Revenue due to accurate invoices
- Streamlines the process of billing
- Automation and Customization of billing data

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