

Case Study



Integrated Management Information System for National Parks

Financial Management System Enhances Visibility Across
National Parks and Streamlines Revenue

Integrated Management Information System for National Parks

Customer Profile

The Tanganyika National Parks Ordinance CAP [412] of 1959 established the organization now known as Tanzania National Parks (TANAPA). Tanzania National Parks manages 15 National Parks in Tanzania and provides visitors with spectacular view of wildlife. Conservation of eco-systems in all areas designated as national parks is the core business of the organization. Nature-based or wildlife tourism is the main source of income that is ploughed back for management, regulation, and fulfillment of all organizational mandates in the national parks.

Business Situation

TANAPA wished to manage and regulate the use of areas designated as National Parks by means and measures to preserve the country's heritage, encompassing natural and cultural resources, both tangible and intangible resource values.

Tanzania National Parks needed to ensure optimum levels of revenue and benefits are accrued to the national economy, the parks and communities without impairing park resources. In an effort to efficiently carry out its mandate, Tanzania National Parks acknowledged the need for an Integrated Management System to further improve the National Parks responsiveness to stakeholder's needs by automating its Financial Management, Revenue Management, Point of Sales, Ecology Management, Conservation Management and Fleet Management System.

Solution

Techno Brain provided TANAPA a comprehensive organization-wide project to integrate information and communication technology (ICT) in all its functions.

The Integrated Management information System (IMS) consists of General ledger, Cashbook and bank reconciliations, Accounts receivables, loans, advanced and other receivables, Budgeting and budgetary controls, Campsite & Mountain Climbing Booking, Ecology Management and Conservation and Fleet Management Modules.

The IMS system is rolled out in 14 National Parks of Tanzania. The whole system has been deployed over de-centralized architecture with continuous synchronization and consolidation at the TANAPA Head Quarters at Arusha. The database at each National Park site is consolidated at the Head Quarter

Main Features of the Integrated Management System (IMS):

- Readily available information with 24x7 access
- Elimination of duplication of work and one time data capture/entry at source only
- Reduced cost & time of service

Customer:

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Industry:

Public

Business Situation:

In an effort to efficiently carry out its mandate, TANAPA needed an Integrated Management System to further improve the National Parks responsiveness to stakeholder's needs by automating its Financial Management, Ecology Management, Fleet Management System etc.

Solution:

TANAPA adopted Techno Brain's Integrated Management Information System (IMS) deployed across 14 National Parks in Tanzania.

Benefits:

- Streamlined Revenue Management Instant
- Improved Budgeting
- Enhanced visibility of all 14 Parks

Integrated Management Information System for National Parks

- Rationalization of financial resources
- Monitor information flow
- Better performance, reliability, security, and scalability

Technologies:

Dynamics NAV, Share Point and SQL Server 2008

Benefits:

Tanzania National Parks retains a high degree of integrity as a true, accurate and unspoiled example of a resource. Management Plans for parks are developed by interdisciplinary teams comprised of appropriate professionals with the best available information to achieve a balance between preservation and use that does not adversely impact park resources and values.

Added benefits of Integrated Management System (IMS) are:

- Enhanced visibility of all 14 Parks from the Head Quarters
- Streamlined Revenue Management
- Improved Budgeting
- Hassle Free Procurement process
- Automated accounting processes
- Comprehensive Ecology & Conservation Management processes
- Compliance with Reporting