

Case Study of Uganda National Roads Authority (UNRA)



Explore how UNRA successfully made the transition from pen-and-paper driven warehousing to next-level digital technology?

Customer:	Industry:	Business	Headquarters:
Uganda National Roads Authority (UNRA)	Government	Roads and Infrastructure	Kampala, Uganda
Products:			
AIMS Asset and Inventory Management System			

About:

“Uganda National Roads Authority (UNRA)” is a government agency mandated to develop and maintain the national roads network, advise the government on general roads policy, contribute to the addressing of national transport concerns, and perform certain other functions. UNRA is charged with, among other things, the selection of contractors, the supervision of construction, the scheduling of maintenance, and the prioritization of national road works

Business Situation:

Uganda National Roads Authority manages a wide range of assets and inventory in execution of its role across its 45 sites. Prior to implementing AIMS, each site has been maintaining manual record of its assets and inventory that makes it difficult to establish quantities, ageing, obsolescence and loss.

As a result, the organization is unable to provide an accurate up to date picture of its assets in keeping with requirements of the Fixed Asset Register in the Public Finance Act; is facing challenges of insufficient space to store obsolete items because of inability to track and effectively forecast needs, risk of fire at sites and wastage of resources. Furthermore, because of limited visibility of assets and inventory some stations are lacking equipment or inventory that is in abundance in other sites.

Key Challenges:

Prior to implementing AIMS, UNRA has faced with key challenges including

- Increased operational costs in acquisition, storage, tracking, distribution and maintenance of assets and inventory.
- Difficulty in ascertaining inventory levels and maintaining an accurate and up to date asset register
- Lack of inventory balance with shortages and overstocking
- Expensive, time consuming manual activities during stocktaking and related financial management roles with decreased employee productivity.
- Ineffective decision making due to insufficient information on stock levels and status of assets.
- Poor space management in stores due to lack of fluidity in inventory management

The Solution:

To address these problems, UNRA took the decision to look for a best-of-breed warehouse management system, conducting a thorough review of possible solutions.

With rich, Tier 1 functionality, rapid implementation methodology and its unique business model, Inventrax offered a best-of-both-worlds alternative, by implementing a hybrid solution that manages assets in different locations in an accurate and effective manner combining asset acquisition, inventory, integration with internal system, and asset maintenances management into one flexible interface.

Solution Provided:

Implementation of AIMS was part of a wider infrastructure project which has enabled UNRA's business to align processes and the software across its multiple operational sites and also provided closer cross-functional systems integration.

AIMS is deployed with only one motto, to track and manages the complete life cycle of UNRA's assets in real time, being able to locate where the assets are situated, how they are used, and when changes were made to them as well as provide workflows to manage the processes for control, audit and reconciliation of authorized versus deployed assets.

Benefits Delivered:

As a result of implementing AIMS and streamlining its operations, UNRA has realized wide-ranging improvements, including

- **30% increase in productivity**
- **Decreased administration across all areas**
- **Decreased time for stock take and improved perpetual inventory management**
- **98% warehouse utilization**
- **Reduced obsolescence due to improved stock rotation**
- **Rapid improvement in inventory control, Asset Maintenance and management**

Customer Testimonial:

When we first came across Inventrax, what they offered seemed too good to be true but once we spent some time with them, it was clear that both their system and their No Capex model were perfect for us. Our IT guys were also impressed with how straightforward the integration with our internal systems was and we were satisfied that there was nothing we needed that Inventrax couldn't do.

- Rosemary Kisembo, Head - ICT and Projects, UNRA.

We needed something which was user-friendly for any warehouse operative but at the same time, was functionally sophisticated. Inventrax offered the best of both worlds.

- Godfrey Kabunga, Manager – Contracts, UNRA.