ROAD ACCIDENT INFORMATION SYSTEM (RAIS)

VISION

Establishment of a computerized road accident information system for capturing, processing, analysing and standardise reporting crash information to be better equipped in the planning and implementation of the road safety measures in Tanzania.

OVERVIEW

The Road accident information system (RAIS)

- Collects accident information in the country and provide beside the accident database for decisions on road safety interventions.
- Achieve most advanced international standard



- The development of RAIS was made possible with financial support from the World Bank
- The System started operating in January 2015 with 8 pilot regions.
- To present the System has covered all regions of Tanzania Main land after the provision Training and Devises i.e.
 GPS device and Tablets, Desktop computers and Laptops to every Traffic police station, district and Region respectively.

OPERATION

- RAIS operation involves the use of Accident form sheets(AFS) in filing in accidents Data
- Accident form Sheets (AFS) are filled online from the scene of accident by the Traffic Police, GPS devices are used to collect geo coordinate data of the particular accident scene.
- (Sample accident form sheet provided)

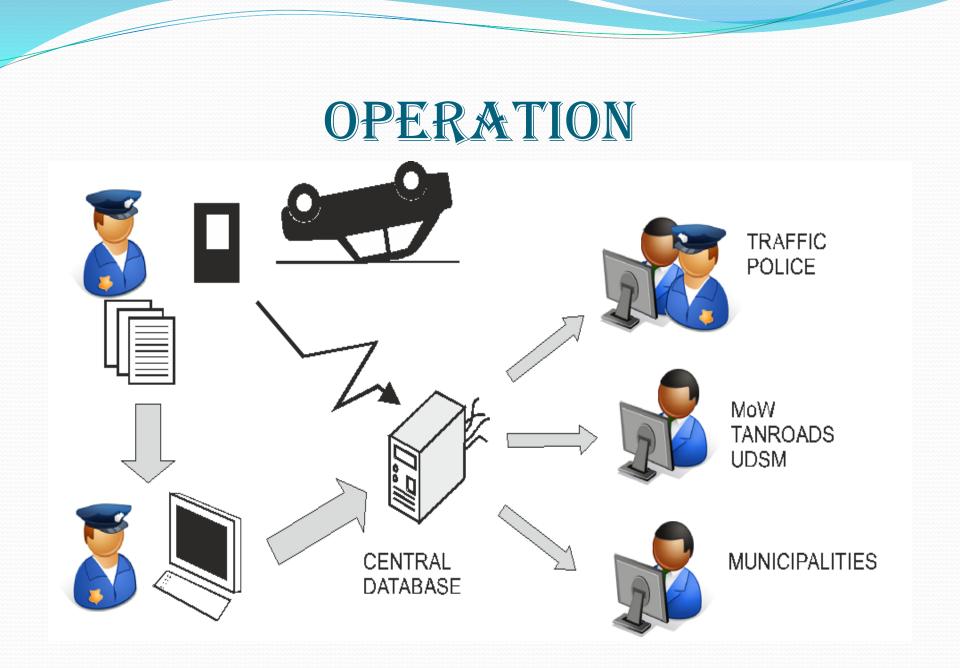
OPERATION Sample Accident Form Sheet

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OPERATION

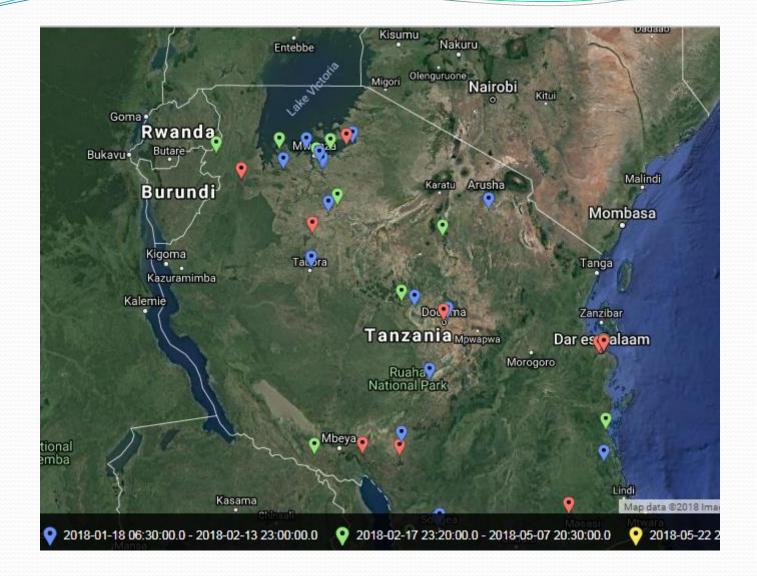
Sample Accident Form Sheet Cont....

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ANALÝSIS

 The system generates automatic General statistics of Analytical reporting and offers flexibility to generate customized analysis and maps through provision of the CSV file of the entry Data.



SIGNIFICANCE

- Can be accessed anywhere with internet connection.
- Can be used with different electronic devices e.g. Notepad, Smartphone, laptop.
- Centralized Database for the whole country.
- Easy and time saving data editing .
- statistical processing can be customized.

CHALLENGES

System functionality limitation

- 1. limited ability to examine and analyze sub-sets of the accidents from within the database and freedom to define the query conditions.
- 2. Limited where analysis due to lack of applicable GIS software to analyze location data.
- On Job transfer of trained police officers.
- Not all the data captured, missing hospital data

WAY FORWARD

The Ministry is currently in the preparation for RAIS phase II that will involve :-

- Review and Improve System functionalities to enable more flexibility in data Analysis as well as acquiring the powerful GIS software.
- Introducing Road accident Information System to Police academies syllabus to equip all the officers with the basic knowledge of the System.
- Extending the System operations to Hospitals for more collection of accident data.

THANK YOU