



SLITS

Swaziland Livestock Information and Traceability System



Animal Identification and Recording Systems for traceability and livestock
development in sub-Saharan Africa

Pretoria , RSA , 14-16 April 2014

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What is SLITS?

SLITS is an animal identification and traceability system integrated within an Animal Health Information System



Developed through a 2-in 1 project



EU

Livestock
Identification
and
Traceability
System

Purpose

1. Disease control & surveillance
2. Trade
3. Cross-border stock theft

Legislation



Animal Diseases Act 7/1965

Livestock Identification Act 13/2001

Draft Animal Disease (Animal
Identification and Traceability)
Regulations 2012

Animal Health System

- Based on the diptank system
- Livestock owners are required by law to be registered at a diptank area
- Cattle, shoats are dipped every 7/14days in summer and 14/28days in winter
- Cattle, shoats require a movement permit to move from one diptank area to another





IDENTIFICATION
AND
REGISTRATION



MOVEMENT
CONTROLS AND
TRACEABILITY



MANUAL AND
COMPUTERIZED
RECORD
KEEPING



Identification

1

Mandatory National Identification

Branding (left side)

Eartagging

2

Voluntary Owners Identification

Branding (right side)

Branding



CI Brand for
imported
animals



Shield

Country mark

024

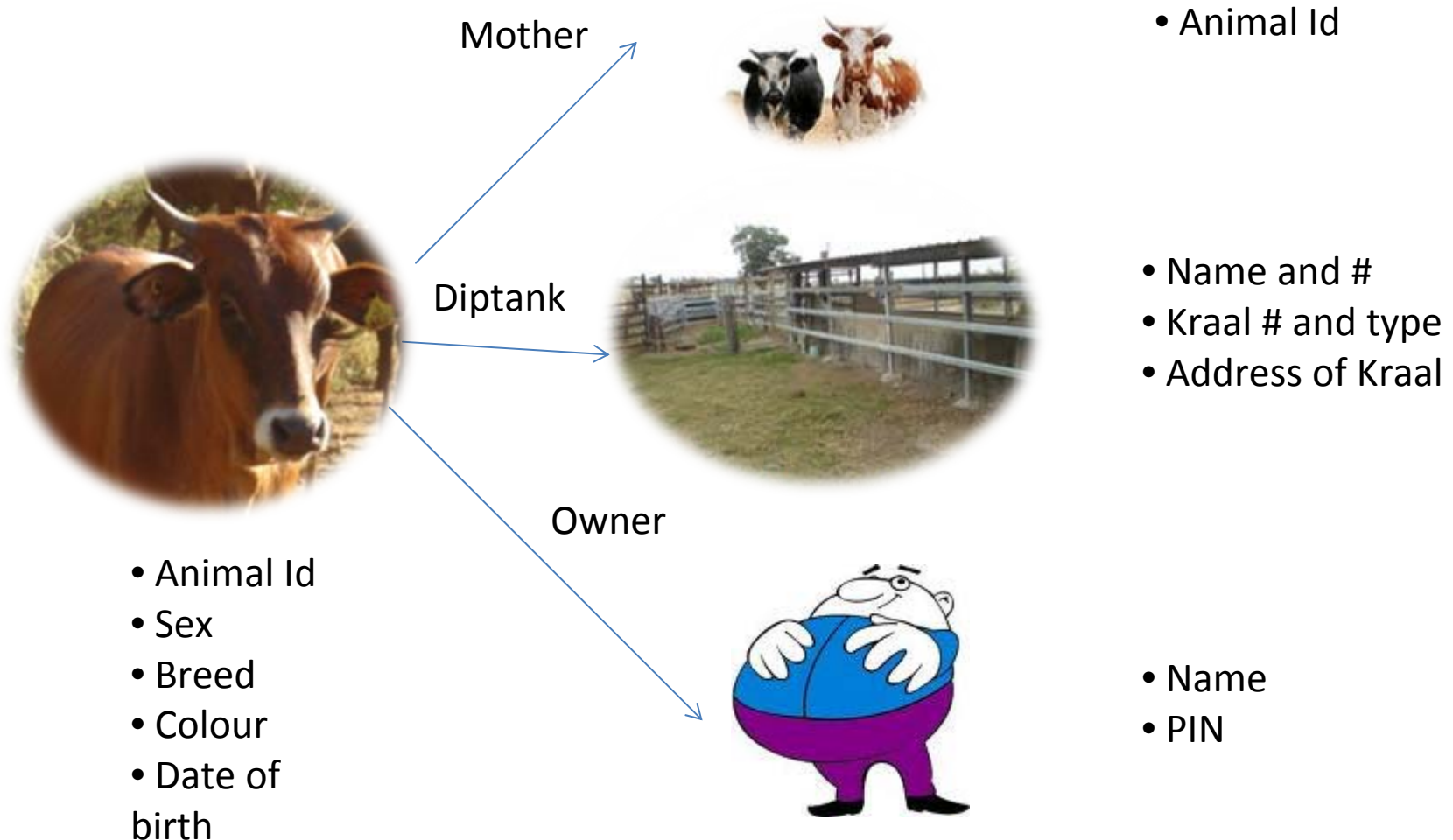
Diptank number

Herd mark

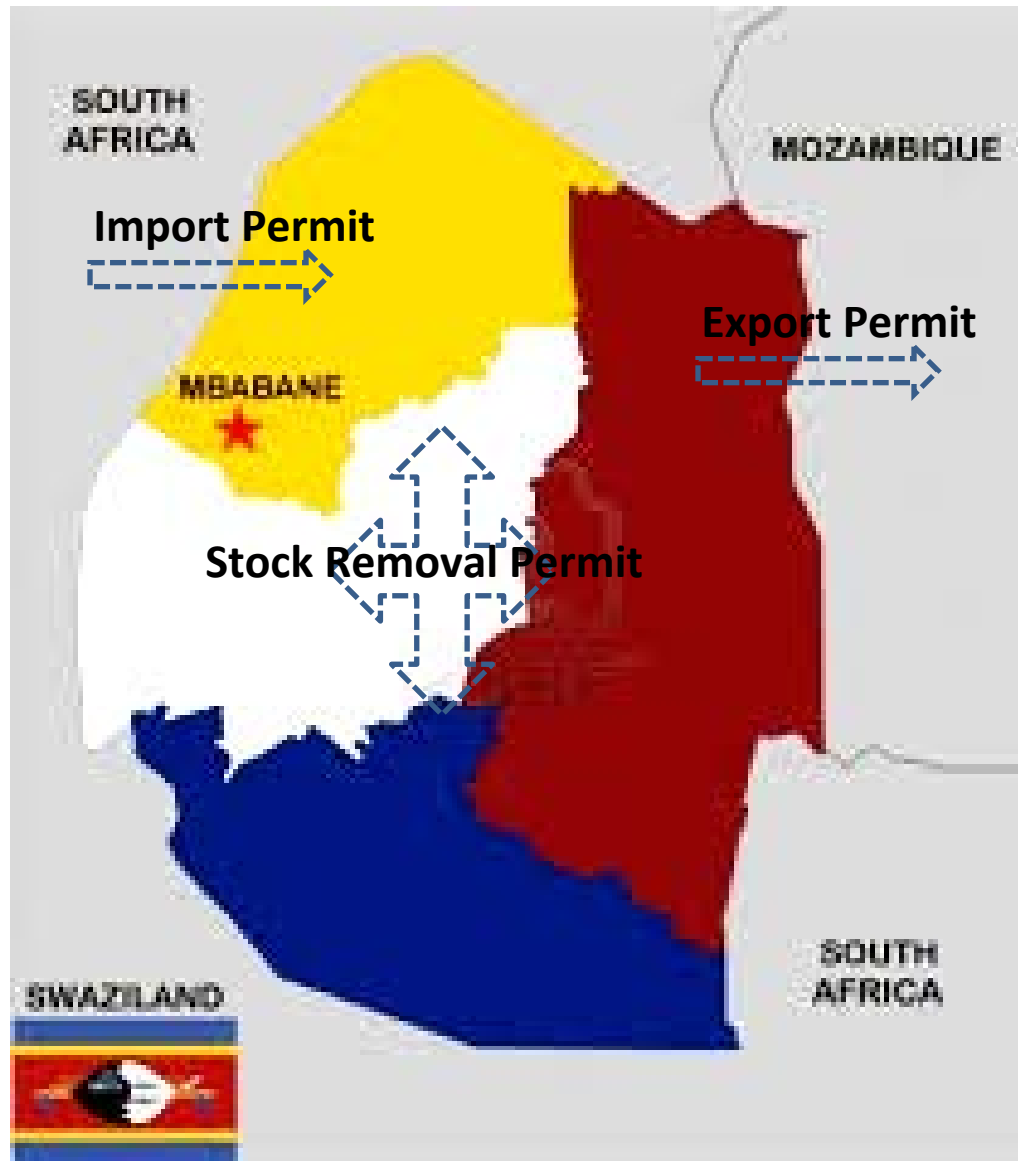
Eartagging



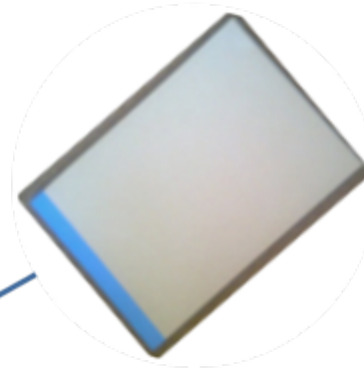
Cattle Registration



Movement Controls



Records



- SLITS Livestock Register
- Diptank Register



- SLITS V1.0 Computerized Database

SLITS Database

Swaziland Livestock Information and Traceability System

Swaziland Livestock Information and Traceability System (WEBCLIENT)

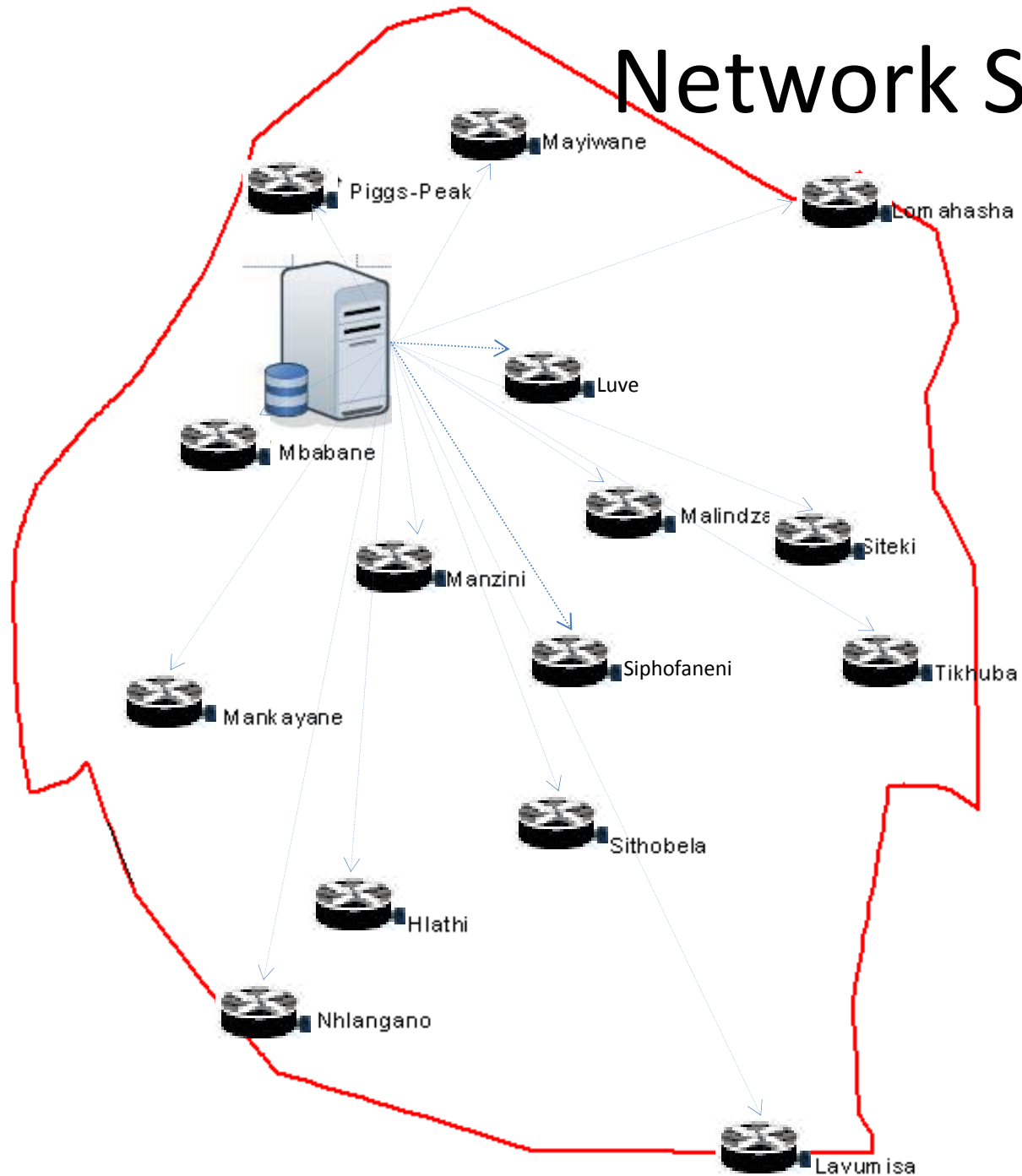


*Swaziland Livestock
Information and Traceability
System*

☐ Livestock Information & Traceability System

- DipTank Areas
- Kraals and Kraal Owners
- Dipping Events and Animal Register
- Livestock Movements
- Livestock Imports
- Livestock Exports
- Slaughter
- Distribution of Tags
- Brands Register

Network Structure



Challenges



- No local technical back-up
- Network infrastructure not available in some areas
- Staff resistance to change
- Livestock owners resistance to change



Thank you for your attention