

## What do we do ?

- Maintain the National Map Series at various scales
  - ✓ 1:10 000 Orthophoto Map
  - ✓ 1:50 000 Topographical Map
  - ✓ 1:250 000 Topographical / Admin Map
  - ✓ 1:500 000 Admin Map & Aeronautical Series
  - ✓ 1:1 000 000 Wall Map
  - ✓ 1:2 000 000 Wall Map
- Acquire Aerial Photography and Imagery
- Assist with Land Reform and special projects (Census – STATS SA)
- Assist tertiary institutions with Survey / Cartography / GIS education
- Maintain the National Geodetic Platform and TrigNet
- Assist parastatals and other government organisations with Mapping projects, Data acquisition and Verification.
- Maintain a comprehensive GIS topographical database (TIS)

DURATION OF PRESENTATION : 12 MINUTE



**DEPARTMENT OF LAND AFFAIRS**  
**REPUBLIC OF SOUTH AFRICA**  
**CHIEF DIRECTORATE**  
**SURVEYS AND MAPPING**  
**South Africa's National Mapping Organisation**

## Survey Services




DURATION OF PRESENTATION : 13 MINUTE

One of our many achievements was the Integrated Survey System. Over 32 000 Trig Beacons were built countrywide by teams of dedicated beacon builders.





DURATION OF PRESENTATION : 13 MINUTE

### Our Surveyors at work

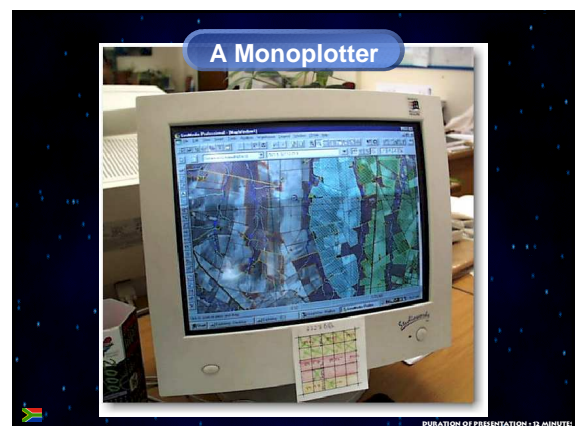
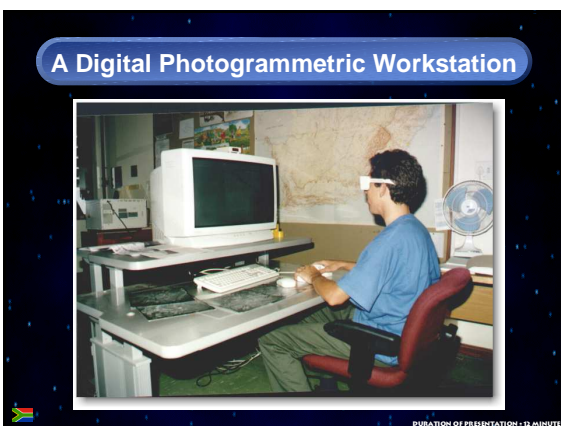
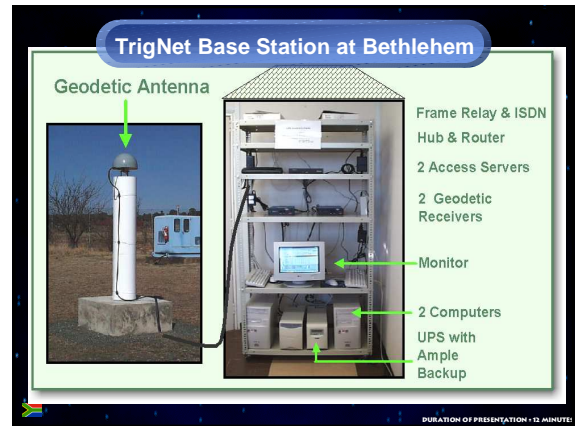
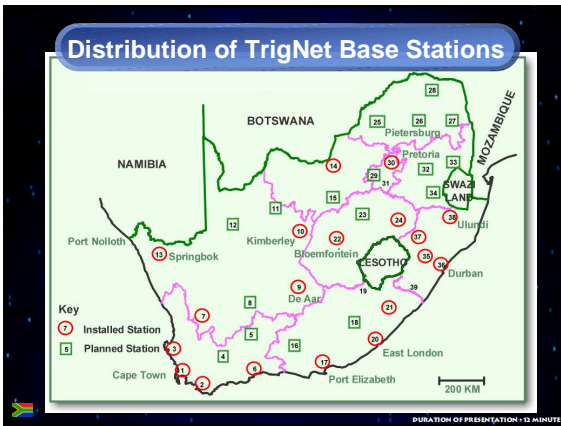
DURATION OF PRESENTATION : 13 MINUTE

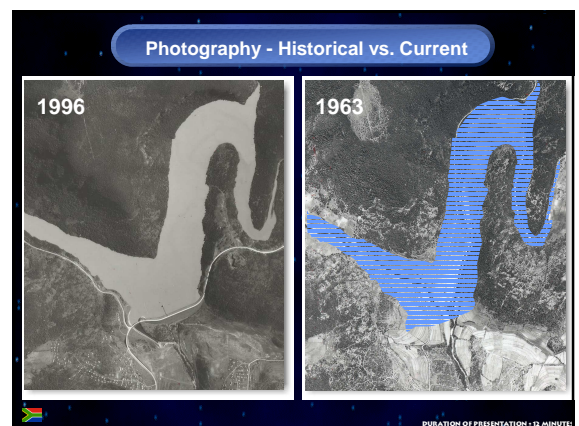
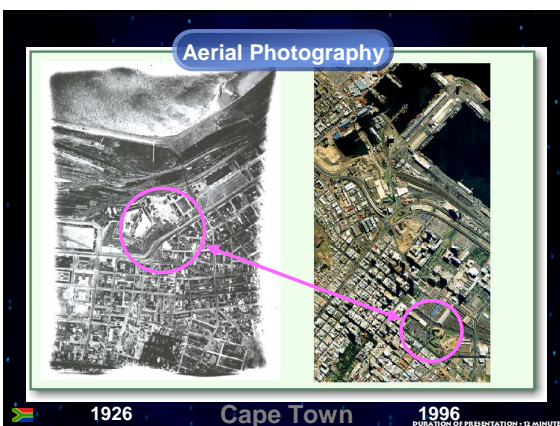
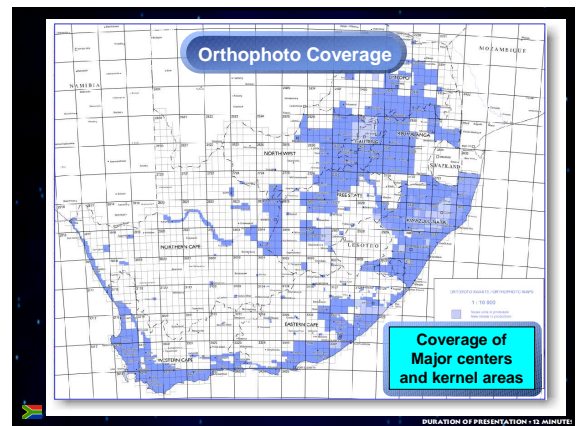
## TrigNet

The South African Network  
 of Permanent GPS Base  
 Stations : The new era in  
 positioning, control and  
 navigation

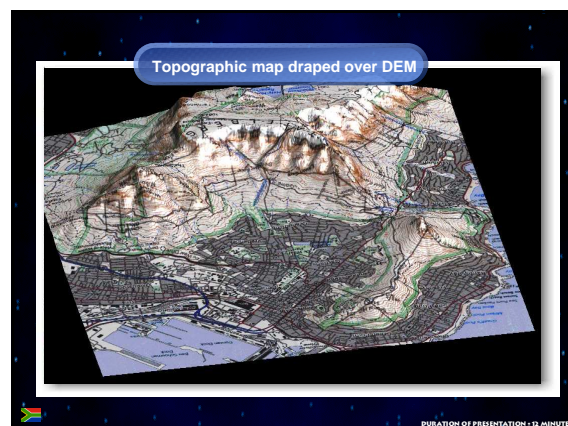
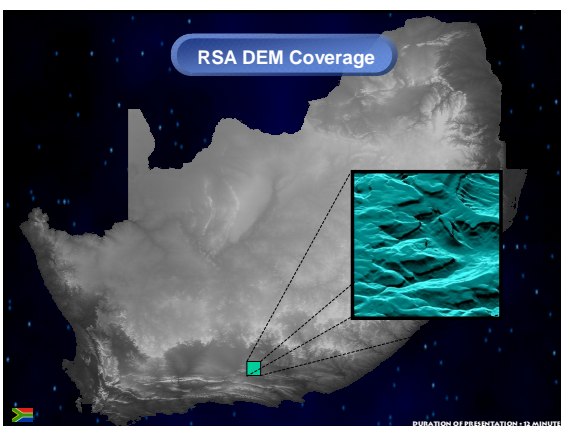
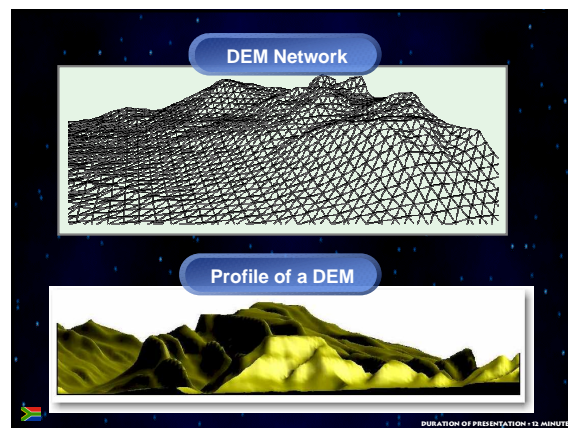
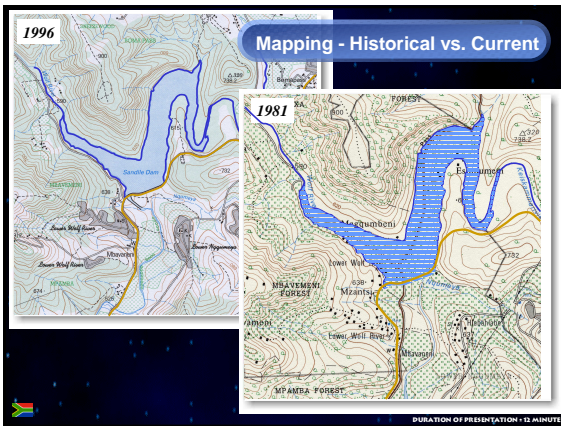
DURATION OF PRESENTATION : 13 MINUTE

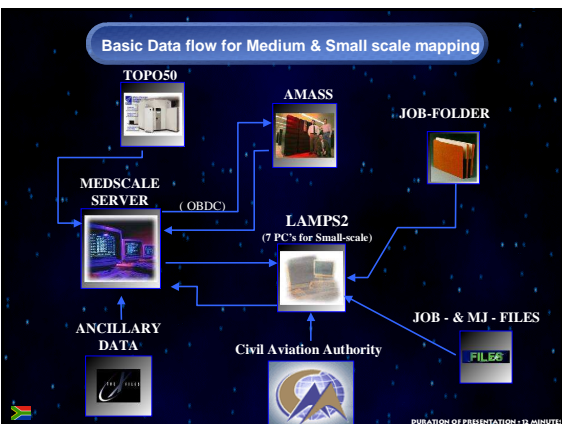




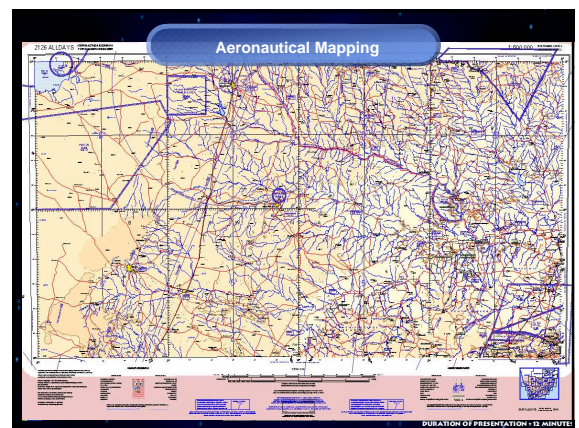
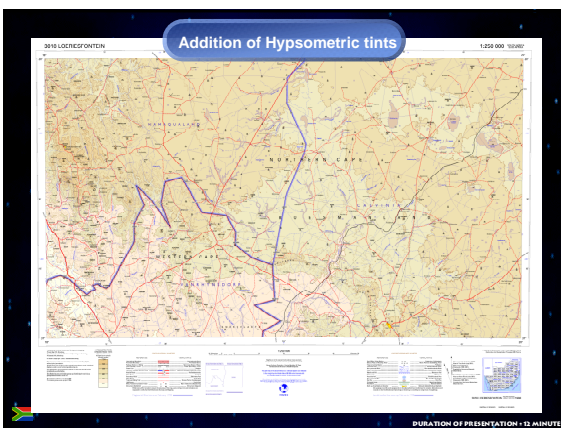
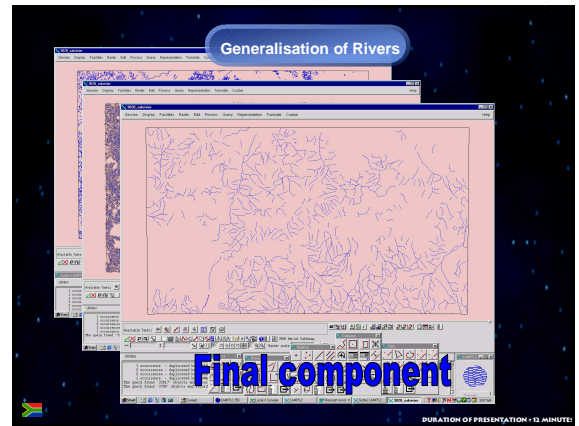












## Spatial Information & Professional Services



DURATION OF PRESENTATION : 12 MINUTE

Surveys and Mapping takes training **very** seriously and strives towards both academic and practical excellence !

This is achieved by . . .



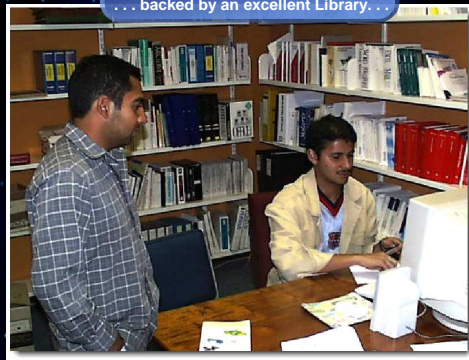
DURATION OF PRESENTATION : 12 MINUTE

Practical training at Silvermine



DURATION OF PRESENTATION : 12 MINUTE

... backed by an excellent Library . . .



DURATION OF PRESENTATION : 12 MINUTE

... with the aid of innovative training techniques.



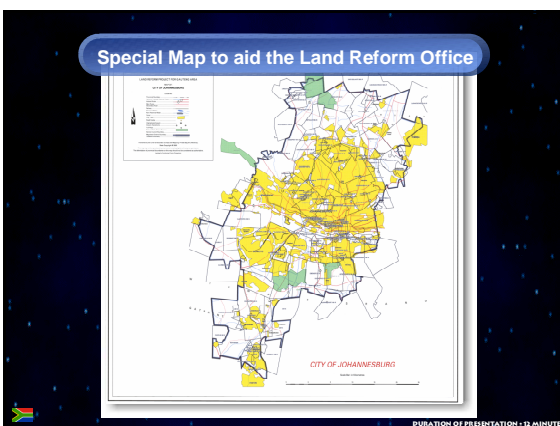
DURATION OF PRESENTATION : 12 MINUTE

We provide training for Survey Officers, Trainee Technicians as well as Land Surveys in training




DURATION OF PRESENTATION : 12 MINUTE





**Surveys and Mapping have assisted with many large projects that were in the national interest.**

The largest being the professional support given to Statistics SA before and during the recent census - this included acquiring Aerial Photography covering approximately 90 000 km<sup>2</sup> resulting in 576 mosaiced images covering 144 1:50 000 maps. (± 9% of the country)

 DURATION OF PRESENTATION : 12 MINUTE

  
**DEPARTMENT OF LAND AFFAIRS  
 REPUBLIC OF SOUTH AFRICA**

**CHIEF DIRECTORATE  
 SURVEYS AND MAPPING**

**South Africa's National  
 Mapping Organisation**


 DURATION OF PRESENTATION : 12 MINUTE


**Our Products**

 DURATION OF PRESENTATION : 13 MINUTE

**Map Sales**

Our friendly, helpful and efficient front counter staff strive to satisfy map requests or data queries.



 DURATION OF PRESENTATION : 13 MINUTE

**1:10 000 Orthophoto Map**

**12 RENOSTERSPRUIT**



 DURATION OF PRESENTATION : 13 MINUTE

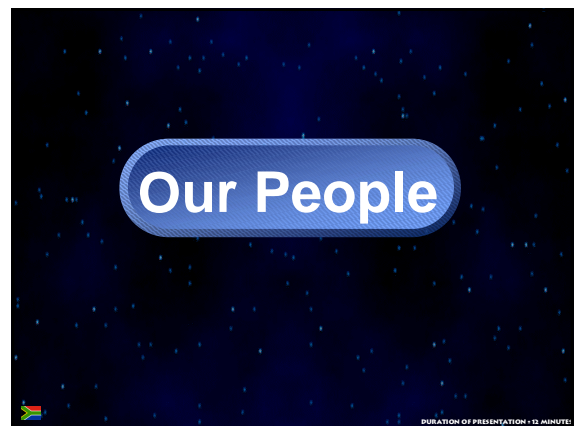
**1:50 000 Topographical**

**29DD NEWCASTLE**



 DURATION OF PRESENTATION : 13 MINUTE





CDSM has a proven culture of Teamwork



DURATION OF PRESENTATION - 12 MINUTE

Having FUN at CDSM !!!!



DURATION OF PRESENTATION - 12 MINUTE

Excellence through richness of diversity



DURATION OF PRESENTATION - 12 MINUTE