



USE OF GIS IN ELECTRICAL DISTRIBUTION AND TRANSMISSION

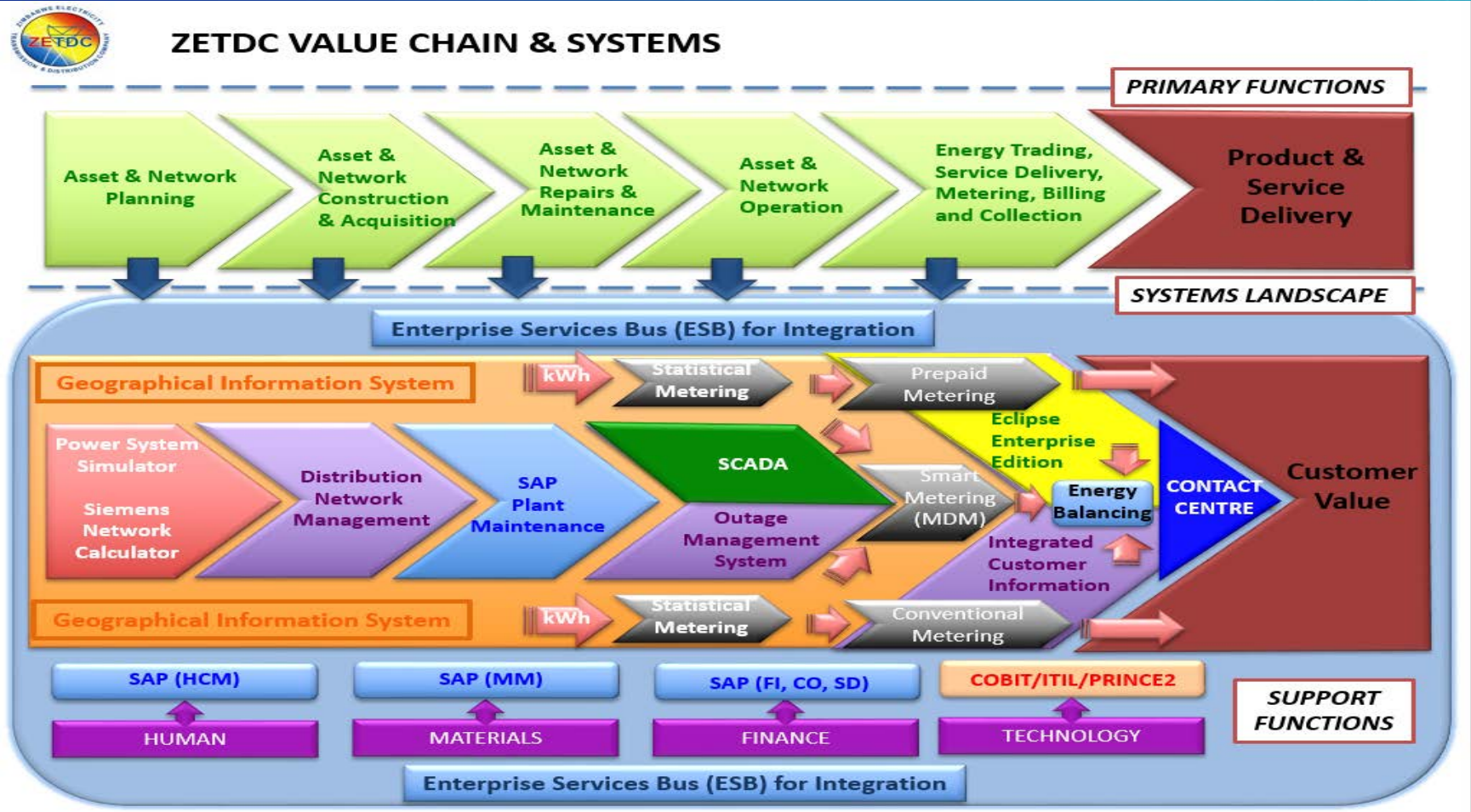
ENGINEER MUNDENDA

SENIOR PROJECTS ENGINEER (ZETDC), ZIMBABWE

WHY GIS

Subhead Here

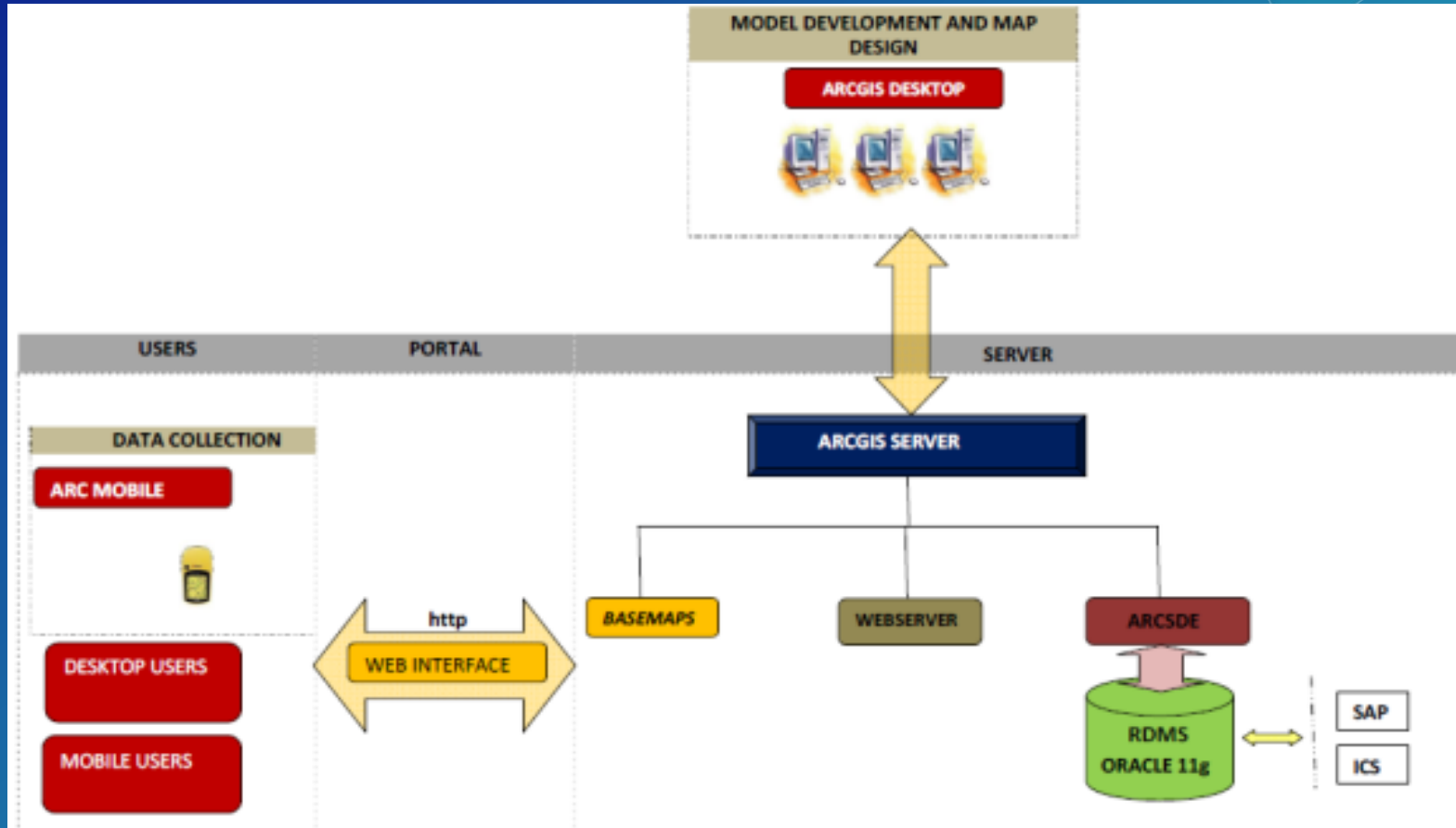
- To integrate IT systems



WHY GIS

- In-accurate databases
- Poor network analysis during outages
- Costs during project planning
- Need to promote R & D

Architecture



Strategy

An In-House solution adopted

Engineers were sent to Esri SA for training

Training also done by local Esri Partner (Allied System)

IT was also part of time

Gained experience from other power utilities

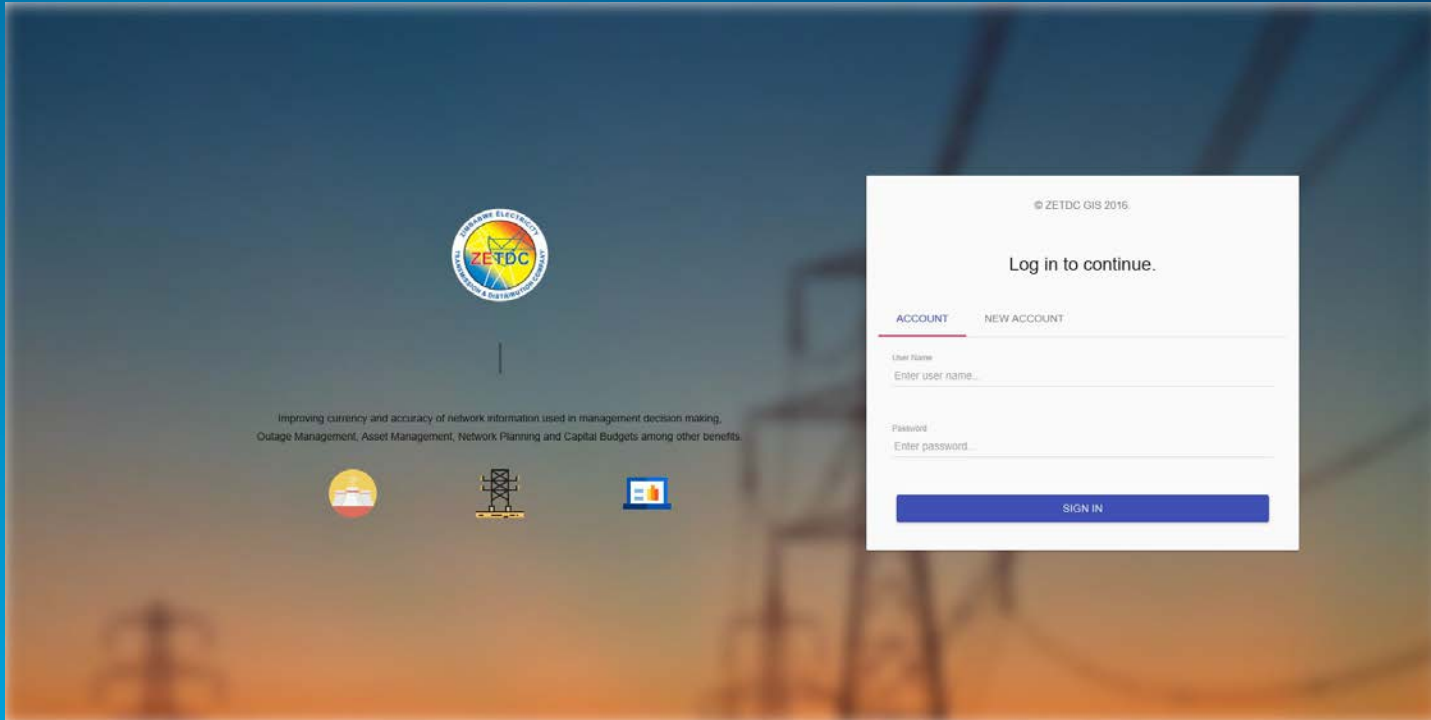
A piece meal approach adopted in procurement

Presentation done to convince management

BENEFITS

- Improved reporting
- Accurate Data base
- Cost saving
- Promoted Innovation
- Saves time

SNAPSHOTS





Geographical Information Systems

Improving currency and accuracy of network information used in management decision making, Outage Management, Asset Management, Network Planning and Capital Budgets among other benefits.



GIS



EIS



ADMIN



ENG. REPORTS



MOBILE JOBS



SETTINGS



STAFF LOG BK

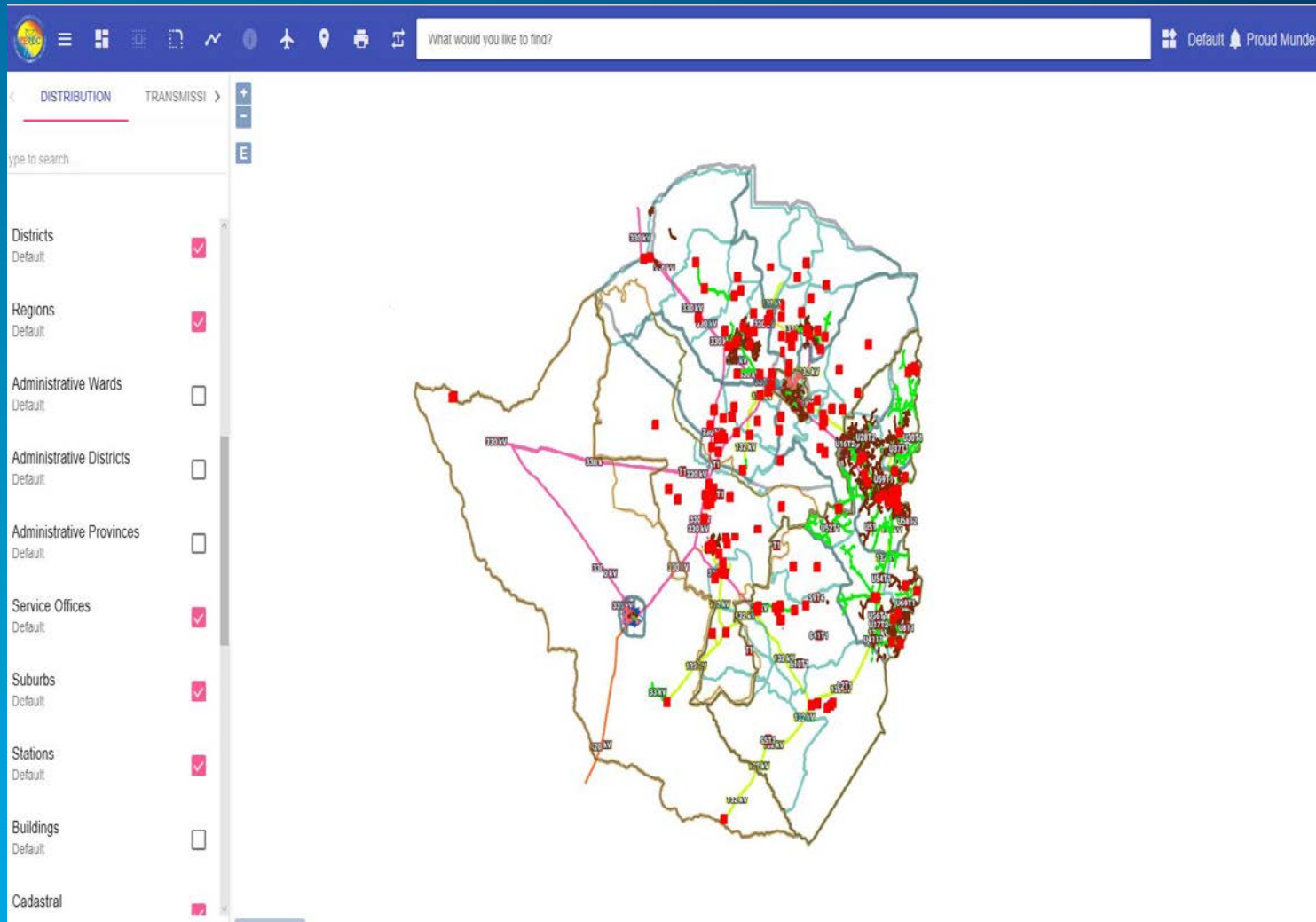


DIAGRAMMATICS



LOG OUT

SNAPSHOTS



THANK YOU

SUBHEAD INFORMATION

