









Sivan Design Corporate Overview

Founded	<ul style="list-style-type: none"> Founded in 1996 privately held
Core Business	<ul style="list-style-type: none"> GIS integrated IT turnkey solutions 3D simulation and visualization software Large scale mapping Surveying, mapping and Civil Engineering software
Products and solutions	<ul style="list-style-type: none"> GeoERP is a GIS based IT solution suite for the management of a country's most viable resources Civil Simulate – 3D simulation at a click CivilCAD 2012 – civil engineering software suite
Worldwide Locations	USA, Israel, Canada, Romania, Nigeria, Portugal, India, Belgium, China, Kenya, Ghana, Ethiopia, Uganda
Solid Financial Backing	15% Yearly Revenue Growth
Strategic relationships	   

LAPS – Land and Property System Past Experience



LAPS was implemented in the following States in Nigeria:

- Kaduna
- Plateau
- Niger
- Benue
- Kwara
- Nasarawa
- Bauchi

Each project included implementation of:

- Network and satellite internet
- Hardware installation
- Customized LAPS software
- Data gathering and processing
- Training, support and maintenance



Oct 2010 - Commissioning of PLAGIS by President Goodluck



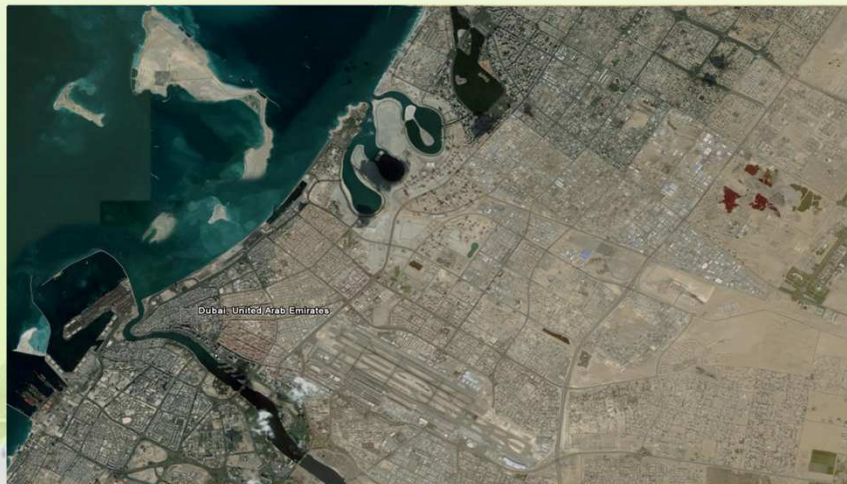
Oct 2011 - Commissioning of NIGIS by President Goodluck

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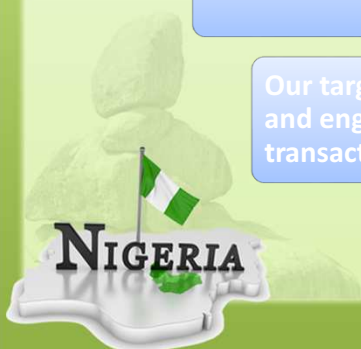


Background

"30% of a developed country economy is based on real-estate transactions"
(Source – world bank)

Land titling and registration unlock
DEAD CAPITAL in land

Our target - To guarantee title to land
and engender confident market
transactions in landed properties



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LAPS highlights

- LAPS can issue **New Titles**, process **Re-Certification** of Existing Titles and handle **Sub-Transactions** such as Sub-Lease, Assignment, Mortgage etc.
- The system enables easy **Storage, Retrieval** and **Processing** of titles. Auditing and accounting **Reports** can automatically be generated and **Legal Searches** can easily be conducted
- A **GIS (Geographic Information System)** integrated module enables linkage between the Geographical plot of land boundaries and its ownership information
- Advanced **billing module** provides an intuitive tool to manage all land related financial transactions
- LAPS is the only system in Nigeria which was implemented both in Federal level (FELIS) and in 6 States so far: Kaduna, Benue, Kwara, Plateau, Nasarawa & Niger



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System benefits

- Support resolution of land disputes and encroachments which were normally resort in legal disputes in the past
- Increase the state revenue generation
- Boost the economy for both banks and individuals through mortgage and real-estate loans
- Speed-up the process of land related transactions
- Support town planning, development control and industrial development



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Challenges for best practice



- Implementation: fear of change, acceptance of computerized systems, definition of new roles and taking ownership on the system and content
- Build citizens trust
- Internally Generated Revenue (IGR) –debt collection
- Mapping - source of revenue generating land plots is small
- Legal Framework – traditional rulers cooperation
- Infrastructure – Internet and electricity
- R&D – flexible design to fit Nigeria requirements and
- Manpower and capacity building – Handing over to operations, Motivation plans!
- Long term contracts/ PPP model – Maintenance & support



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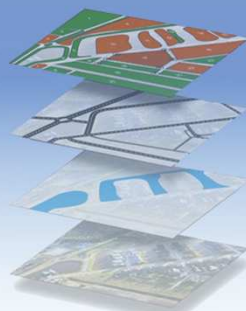
Summary

- ✓ Land registration is a basic element in the foundation of a state/country.
- ✓ Computerization of the Land Registry and titling process has a major role in creating a unified and harmonized land depository at both the state and nation levels.



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Where CAD and GIS Meet 3D

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