

**GERALDILUKWE**



# 1-GOV.NET

IMPLEMENTING INFRASTRUCTURE FOR EFFECTIVE E-  
GOVERNMENT SERVICES IN NIGERIA

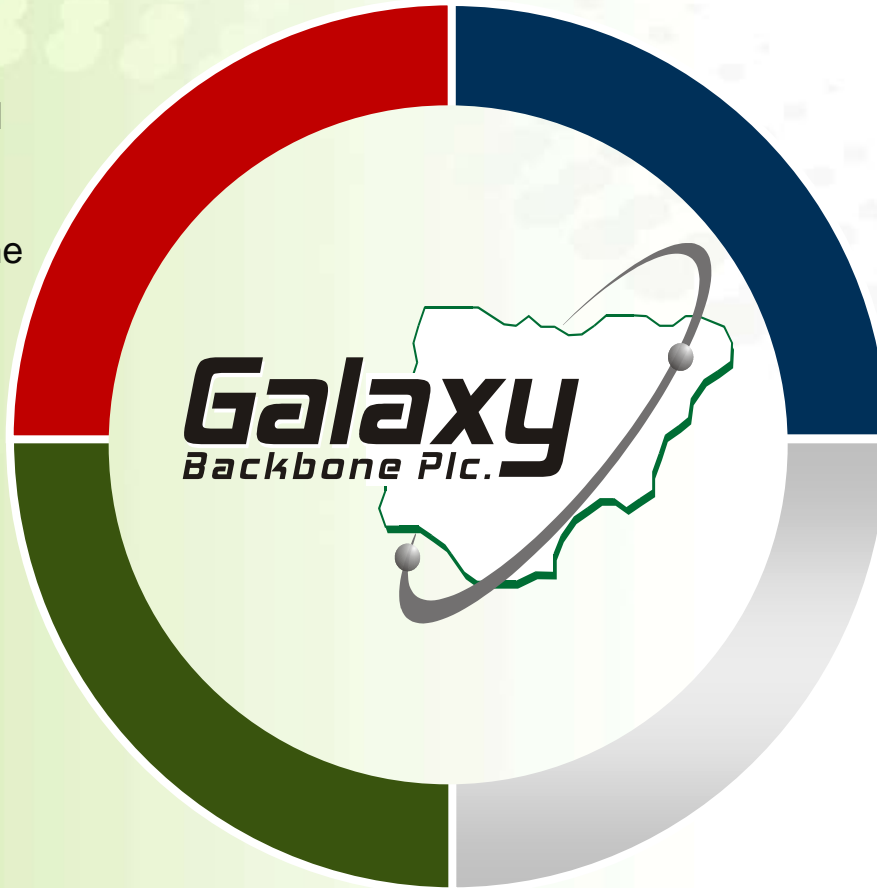
# GALAXY BACKBONE



## ABOUT GALAXY BACKBONE LIMITED

### STRUCTURE

Established by the Federal Government in 2006.  
Registered as Limited Liability Company under the CAMA



### VISION

To be the leading provider of reliable ICT services enabler of digital inclusion in Nigeria and Africa

### MANDATE

Mandated to provide network connectivity infrastructure and transversal services to MDAs of the FG

### MISSION

Galaxy Backbone drives national development through the provision of pervasive ICT infrastructure and services to public institutions, underserve communities and other stakeholders



# GALAXY BACKBONE



## MANDATE

1. Be the provider of ICT infrastructure , applications and services to *all* Federal Government MDAs and institutions, e.g. manage Data Centers, Directory Services, Information Repositories, IP Telephony, Messaging and Collaboration Services, Networks and Other Services; including but not limited to services delivered on the shared infrastructure platform



2. Provide guidelines for acceptable usage of ICT infrastructure (AUP), applications and services across Federal Government MDAs and Institutions

3. Provide technical resource support to the Ministry of Communication Technology and also contribute to thought leadership on Government ICT policies & initiatives



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## SCOPE OF THE PLATFORM



### Network Infrastructure

- 5 VSAT Hubs
- 4,000 Locations Connected Nationwide
- Over 400 MDA Customers
- 8,000 nodes on Managed LANs
- 400 schools, 200 Primary Healthcare Centers
- 700km of optical fiber in Abuja
- Over 1.2Gbps of Internet Access deployed to FGN

### Data Center Infrastructure



- 125 Servers
- 95 MDA Customers
- 300 Terabytes of Storage
- Over 60,000 official mail boxes

### Value Adds



- Executive Video Conferencing
- Voice Over IP
- Certified Information Security Management
- Document Management and Process Automation

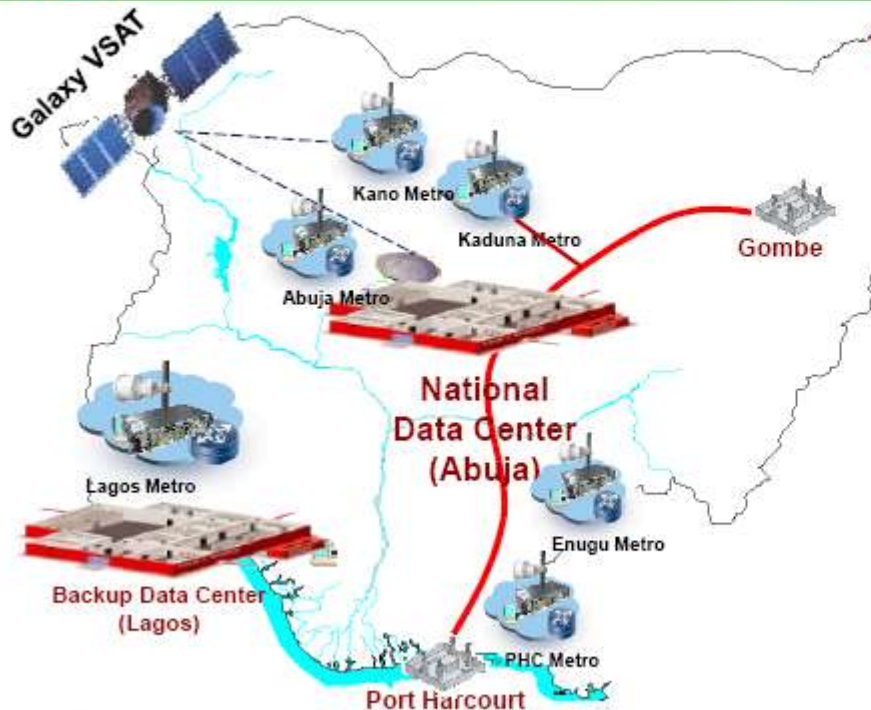


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## EXPANSION PLANS



### NICTIB - All Service Backbone Network



- Optical Fibre Cable Backbone network.
- DWDM/SDH Transmission Nodes.
- Submarine Landing Point (Equipment).
- National Datacenter.
- Backup Datacenter.
- MAN Network
- Ethernet LAN Equipment.
- Using Galaxy VSAT for remote sites access.

- **All service broadband network:** 1500Km Optical Fibre Cable Backbone network covering the Federal Territory.



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## SERVICES PORTFOLIO



**Managed Network Services**



**Co-location Services**



**Managed Data Center Services**



**Online Brokerage Services**



**Messaging & Collaboration Services**



**Government Records Management Services**



**Professional Services**



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## EXAMPLES OF 1-GOV.NET ENABLED PUBLIC SERVICES



- Over 1 million international passengers were processed through Nigeria's airports in 2012
- **1-GOV.net** infrastructure provides **real-time** connectivity between border control points and a central processing server



- The Nigerian Government provides bridging assistance for the transportation of petroleum products to maintain uniform prices across the country
- Over 1,000 trucks are processed daily. All transactions are processed in **real time** over **1-GOV.net**



- The Federal Road Safety Commission is implementing a new biometric drivers licensing scheme nationwide targeting over 20 million drivers by 30<sup>th</sup> September 2013
- **1-GOV.net** infrastructure is supporting **real-time** driver registration and records management



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## HOW DID WE GET HERE?



### High Level Leadership

Committee to set up Galaxy was chaired by the President



### Clear Policy Direction

Galaxy's role backed by government-wide policy directive



### Organization Culture

Established as a performance driven company like in the private sector.



### The Right People

Recruiting the right balance of competencies to drive change



### Passion and Hardwork

Driving change is hard. Sometimes it comes down to who wants it more



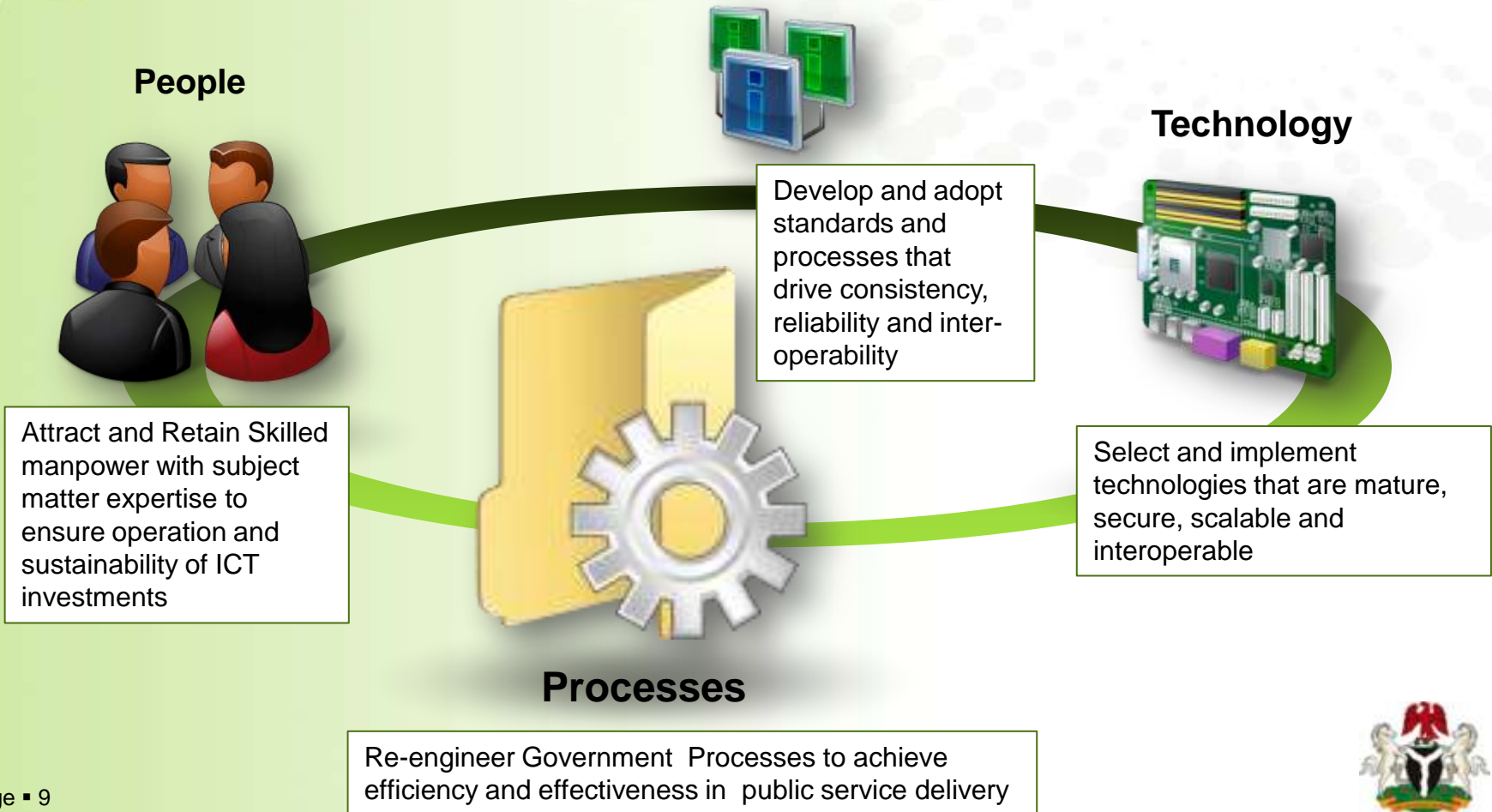


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## STRATEGIC APPROACH



### Government-wide Enterprise Architecture



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## WHAT HAVE BEEN OUR CHALLENGES?



### Inadequate Funding

A strong mandate backed by policy circular has not translated into adequate funding for Galaxy



### Low Technical Capacity

Absence of Technical ICT Capacity in most ministries, resulting in poor ICT management and alignment with core MDA objectives



### Resistance to Change

Perceptions that ICT is not that critical to Government and resistance to a model of ICT procurement that diffuses their power to procure



### Unstable Power Supply

Power outages are a common problem in Nigeria. This affects the availability and the cost of ICT infrastructure services.

