

An Analysis of Cloud Computing Towards Economic Growth

Leading  e-Government Initiatives

Speech delivered at the NCS International Conference 2023

By

*Professor Muhammad Bello Abubakar
Managing Director / Chief Executive Officer
Galaxy Backbone Limited*

*At Bauchi, Bauchi State
8th August, 2023*

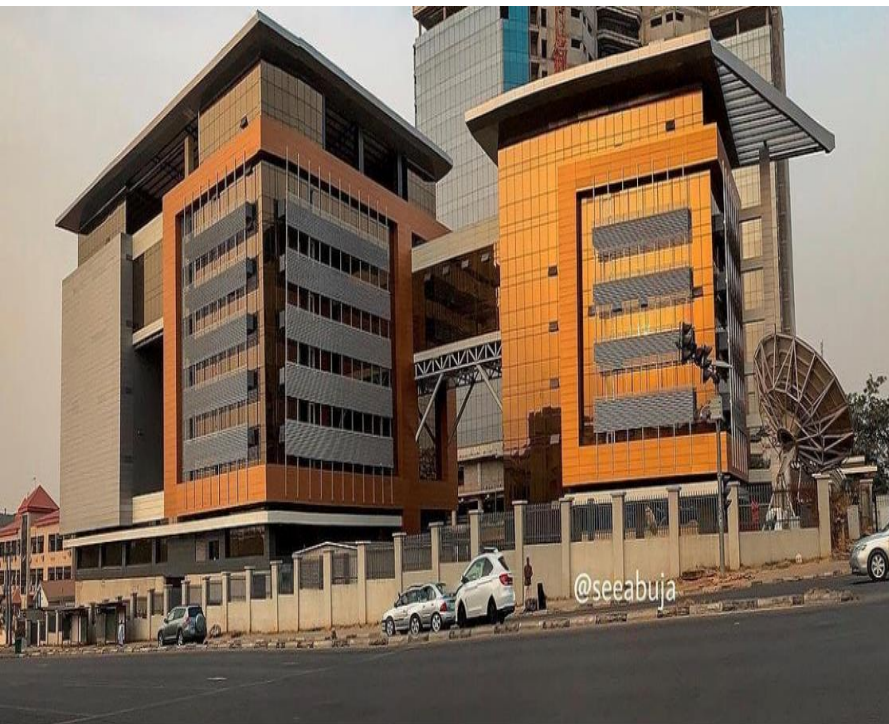


Outline



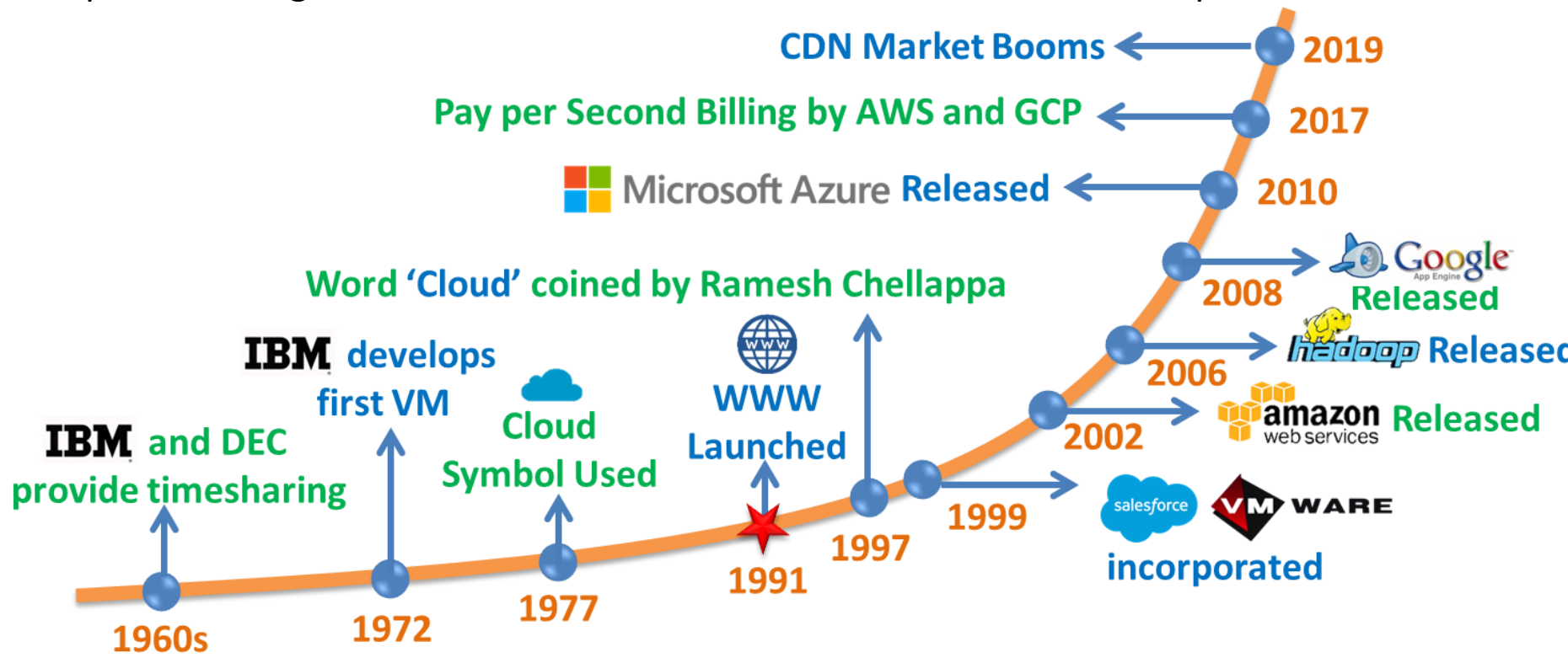
Outline

- ✓ Cloud Computing in Perspective
- ✓ Economic Growth
- ✓ Cloud Computing and Industrialization
- ✓ Economic Impact of Cloud Computing
- ✓ About Galaxy Backbone (GBB)
- ✓ Conclusion



Cloud Computing in Perspective

Cloud computing is the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing. Instead of buying, owning, and maintaining physical data centres and servers, you can access technology services, such as computing power, storage, and databases, on an as-needed basis from a cloud provider



Economic Growth

Economic growth: when there is increase or improvement in the inflation-adjusted market value of the goods and services produced by an economy in a financial year.



ICT Sector Contribution to GDP

FY 2022

Q2, 2022 – 18.44%

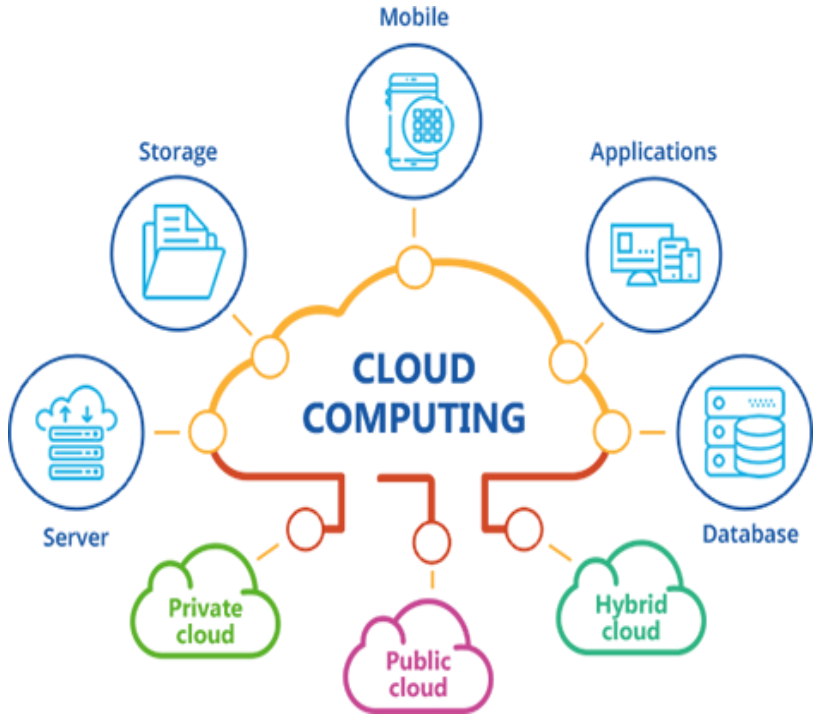
Q3, 2022 – 20.32%

Q4, 2022 – 16.22%

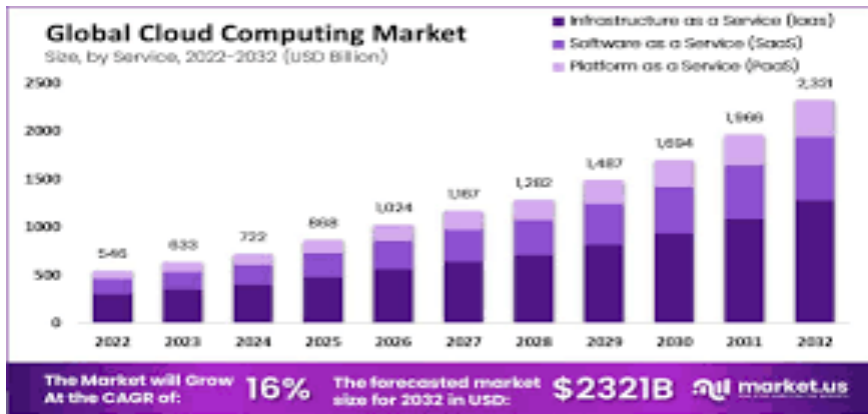
FY 2023

Q1, 2023 – 17.47% (₦3.1tr)

Cloud Computing & Industrialisation



Economic Impact of Cloud Computing



Global Outlook

- Global economic value of cloud computing is estimated to reach \$2.3 trillion by 2024
- An annual growth rate of 15%
- Organizational cost saving up to 20-50%
- Contribute \$2.7 trillion to \$5.1 trillion in annual economic impact by 2025.

National Outlook

- Compound Annual Growth Rate (CAGR) of 35.9% from 2019 to 2024.
- 22% revenue growth for SME in 2022
- Contribute up to 55% of Nigeria's GDP growth by 2022



About Galaxy Backbone (GBB)

About Galaxy Backbone

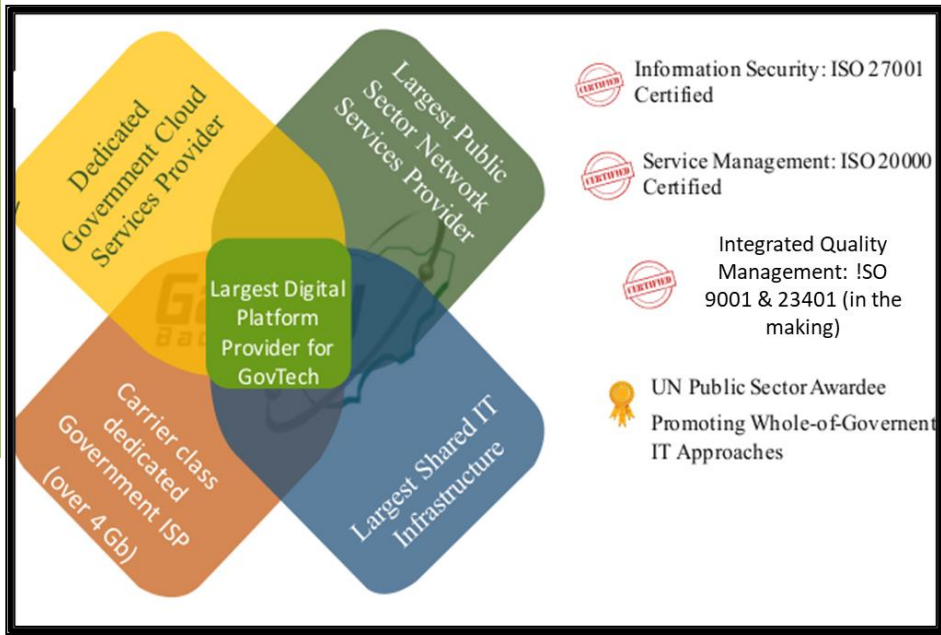


VISION

To be the leading enabler of digital inclusion in Nigeria and Africa

MISSION

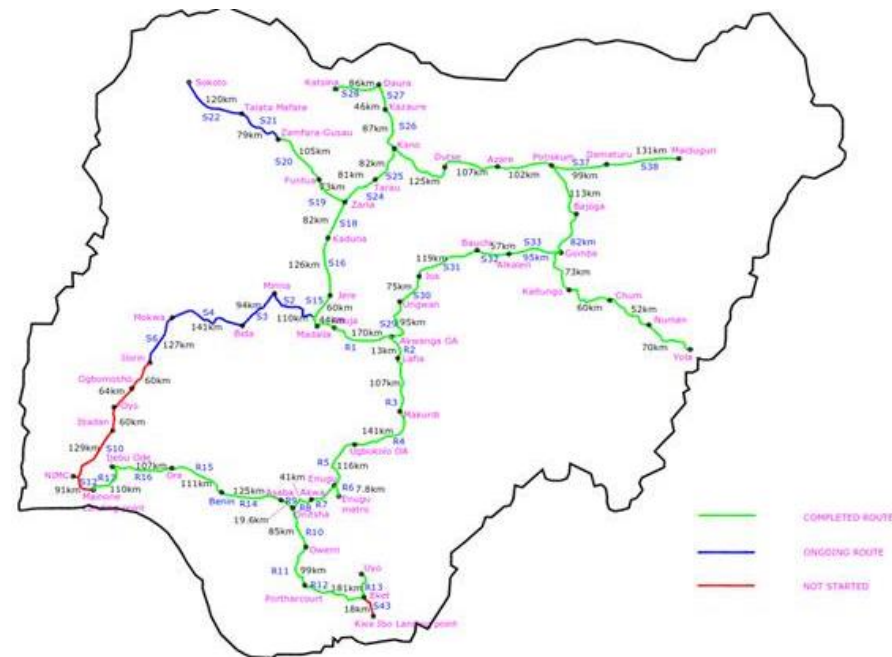
Galaxy Backbone drives national development through the provision of pervasive ICT infrastructure and services to public institutions, underserve communities and other stakeholders



About Galaxy Backbone (GBB)

Infrastructure spread across the country over the National Information and Communication Technology Infrastructure Backbone (NICTIB) driving the Nigeria’s Digital Economy.

(i). About 5000 km Backbone OSP Optic fibre across 30 states and the FCT (14,82km NICTIB 1 & 3441km NICTIB 2)	(vii). About 117 eLTE base stations (9 NICTIB 1 & 108 NICTIB 2)
(ii). 1566Km of optic fibre deployed on our metro network.	(viii). Billing System
(iii). Tier-IV Data Center in Kano	(ix). Warehouse
(iv). Tier-III Data Center in Abuja	(x). Comprehensive capacity building
(v). 55 Backbone Sites (17 NICTIB 1 & 38 NICTIB 2)	(xi). Safe City
(vi). Wi-Fi & LAN Equipment	

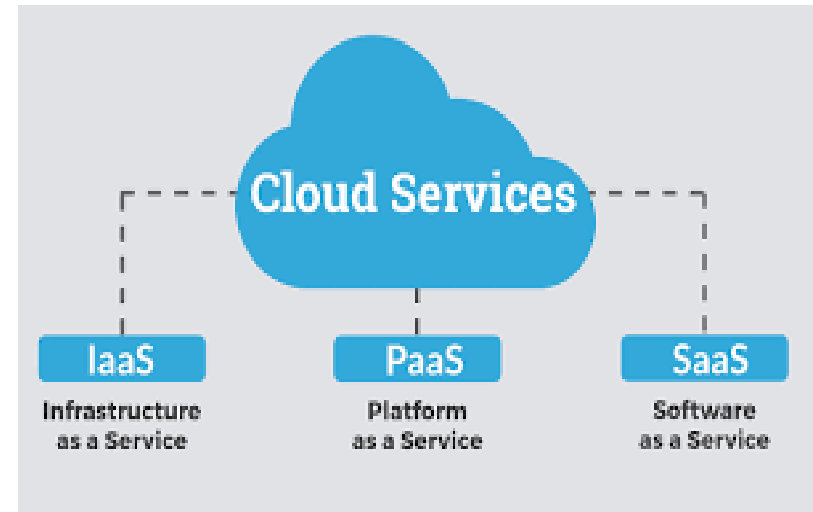


100% by 31st March 2024
Target

85% by April 2023_ on track
Achievement

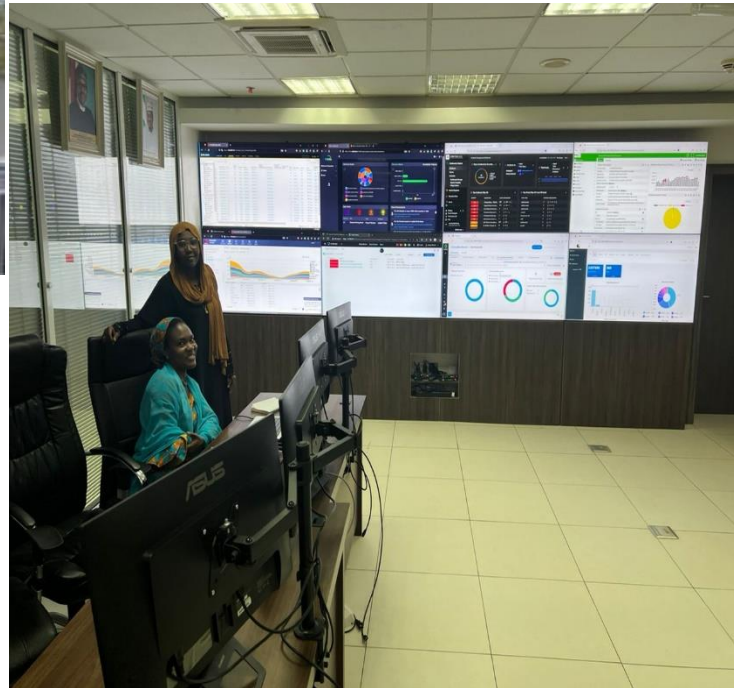
About Galaxy Backbone (GBB)

IaaS provides access to resources such as virtual machines and virtual storage, **PaaS** provides execution environments, application development, and deployment tools, and **SaaS** provides software as a service to end-users.



About Galaxy Backbone (GBB)

State-of-the-art Datacentres (Tier III & Tier IV), Cloud Infrastructure & Cyber Security Operating Centre (SoC)



Conclusion

1. Embracing Cloud Computing is critical for a stable and sustained economic growth.
2. Organisations should embrace the technology and explore its endless possibilities by unlocking its potentials.
3. It provides enormous cost-savings, productivity through increased efficiency and effectiveness, guarantee scalability, promote collaboration and facilitate market entry for SMEs, foster innovation, and enable global reach.
4. As businesses continue to leverage cloud-based technologies, economic growth is expected to be further accelerated, creating a more connected and digitally-driven economy.
5. Notwithstanding the numerous benefits that comes with the Cloud Computing, the need to ensure data sovereignty, data security, privacy and protection as well as guarantee digital trust within the National digital economy space cannot be overemphasised.

Together, we shall shape a brighter, more connected, safe, secure, protected and economically prosperous Nigeria leveraging the Cloud Computing Technology.

Thank You

