

IT Infrastructure Deficit and Solutions in Nigeria

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State of ICT Infrastructure

- Enormous computing power of 40 terabytes of bandwidth at the shores
- Right of Way (RoW) issues has been a major challenge to the expansion of this infrastructure upcountry
- It is cheaper to buy bandwidth outside the country
- Internet penetration stands at 61.3%
- Bandwidth at 10mbps



What has Changed?

- . Fed government:
 - Licensed years ago 7 Infrastructure Companies (Infracos)
 - Quickened discussions with State Governors on RoW resolution and has been successful in getting some States to either grant free right of way or drastically reduce the charges
- The COVID pandemic has to take some credit too.
 - Because virtual learning was difficult for most schools, especially in the hinter land some State Governors, not to lose out, were forced to consider zero tax for the infraco companies to extend the fiber optic cables upcountry,



What More can be Done?

Availability, affordability and Access do not necessarily translate into adoption

- Broadband may be available, affordable and accessible and yet not used adequately and purposefully for growth in the economy
- The greatest demand driver for broadband is online G2C, B2B B2C services, not devices, not even infrastructure and not the triple A.

So, what services do the citizenry and business need?

- Education (including agric extension services) Over 13m kids out of school, only a third of nearly 2m university candidates get admission
- Health
- Communication
- Digital products

Solution to the deficit problems

- Government and corporates to digitize and digitalize their data and processes
- Government to use creative of regulatory options to stimulate demand for broadband



Demand Flow

Digitized process

Use of demand stimulating regulation

Adoption of broadband

Competition among service providers

Attainment of availability, accessibility and affordability



THANK YOU

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