



KIRIBATI EXPERIENCE

SATELLITE SERVICE IN PACIFIC ISLAND COUNTRIES

Ministry of Communication, Transport and Tourism Development



Content

- Kiribati profile
- Intro on Satellite Connectivity
- Challenges of satellite
- Overcoming challenges of satellite
- Way forward

Kiribati Profile

- 33 atoll islands spread across the equatorial Pacific
- Population: 103 000
- Economy: copra and coconut export, fishing licensing, foreign aid, remittances



Ministry of Communication, Transport and Tourism Development

Satellite connectivity in Kiribati

- SpeedCast is the only operator in Kiribati
- Frequency used : C band
- Satellite is the only source of connectivity



Satellite connectivity in Kiribati

- Geographical set up
- Limited economic capacity



Satellite connectivity in Kiribati cont'd

- Government priority – To enable equal access to the internet for all I-Kiribati



Challenges of Satellite service

- Costly
- Outdated infrastructure
- Inefficient

Improved satellite service

Government wants to enhance the efficiency of satellite services to enable equal opportunities for:

- education,
- health care,
- employment,
- entrepreneurship, etc.

Strategies of Overcoming Challenges

- Mobile Roll out
- Encourage open market to increase competition: two competitors
 - ISP operators: Tenicom and ATH
 - Mobile operator: ATH
- Upgrade telecom infrastructure by building towers

Strategies of Overcoming Challenges cont'd

- Government's interest in establishing submarine cable.
- Limited economic capacity
- PPP scheme to be implemented in particular to sharing of telecommunication infrastructures

Way forward

- Revision of policies and amendments of Acts to improve the efficiency and effectiveness of Satellite communication.
- Ensure that internet connectivity has low latency
- Ensure 24/7 service up and running

Way forward cont'd

Kacific Satellite

- Willing to design footprint specifically for Kiribati that will cover all islands
- Commences in 2017

Way Forward cont'd

- Operators are given the choice to decide which satellite service will best compliment their operations
- Otherwise, remain with Kacific Satellite

Way Forward cont'd

- Retain c band frequency
- Most suitable for our climate and geographical set up
- Sustainability purposes.



Thank you for your attention