INTERNATIONAL SATELLITE SYMPOSIUM 2017
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Solomon Islands Country Report
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Outline

1. Solomon Islands Geographical Distribution
2. Solomon Islands Population Distribution
3. Telecommunication Sector Overview
4. Telecommunication Sector Indicator
5. Challenges
6. Way Forward
Solomon Islands Geographical Location
Solomon Islands Population Distribution
(National census 2009)

Map Of Solomon Islands

Statistics
- Coastline: 3,301 miles (5,313 km)
- Land Area:
  - (land) 11,156 sq mi (27,986 sq km)
  - (water) 351 sq mi (910 sq km)
  - (TOTAL) 10,805 sq mi (28,896 sq km)
- Nine (9) major Islands/provinces
- 1000 Islands
SI Telecommunication Sector Overview

• MARKET & COMPETITION
  • Competitive & Liberalised Market
  • Established 2009 (Telecommunication Act 2009)
  • Regulator (Telecommunications Commission Solomon Islands – May 2010)
  • Policy Objective “Availability, affordability quality of service and kinds of telecommunications services in Solomon Islands.”

• NETWORK OPERATORS AND SERVICE PROVIDERS
  • Solomon Telekom Company Limited (Fixed, Mobile Network, DTTB)
  • Bmobile – Vodafone Solomon Islands Limited (Mobile Network)
  • Satsol Limited (ISP & DTTB)
Telecommunication Sector Indicators

• **MOBILE OVERALL RAN INFRASTRUCTURE BUILD (2016 – Process of Reviewing)**
  - Solomon Telekom 21, 2.5/3G sites Honiara
  - Solomon Telekom 154, 2.5G Rural Sites
  - **144 VSAT Sites**
  - Bmobile Vodafone 19, 2.5/3G sites Honiara
  - Bmobile Vodafone 43, 2.5G Rural Sites
  - **30 VSAT Sites**
  - Average USD 250k – 350K Capex per Rural Site Infrastructure Build)

• **MOBILE SUBSCRIBER & COVERAGE**
  - Mobile Subscriber (2016) 416,572
  - Mobile Penetration (2016) 71% (calculated)
  - Mobile Coverage (2016) 93% (Calculated)

• **SATELLITE INFRASTRUCTURE BUILD**
  - 3 x O3B (Honiara) International Hubs
  - 3 x C-Band International Hubs
  - 4 x Domestic Hubs
  - International Satellite BW 785 Mbps (O3B 89%)
  - **TOTAL Rural 174 VSAT Sites**
Satellite Filing Services

• BACKGROUND
  • Satellite Filing Involvement started 2016
  • Solomon Islands; Administrator Telecommunications Commission (Regulator)
  • Satellite Coordination and Notification Procedures Services (1. Advance Publication; 2. Coordination Requests; 3. Notifications; 4. Due Diligence)
  • Procedure Involves Non-Planned and Planned Satellite Services (Appendices, Resolutions, Articles, Regulations etc.)
  • Experiences – Satellite Filing a Complex Administrative Procedure
Challenges

• Disperse Population (Isolation & Remoteness)
• Power Issue in Rural Communities
• Satellite BW Costs/Mbps Domestic (still high)
• Satellite Technology Innovation (High Throughput, Lower Cost and Efficient)
• Achieve Sustainable Operation
Way Forward

• Continue to Provide Conducive Environment for Investment (Incentive & Confidence)
• Satellite Innovated Rural Solution (Technology & Infrastructure build)
• Relevant Economical Model (Scale & Scope)
• Adopt Collaborative Cross Functional Regulatory Approach (Sectors)
THANK YOU