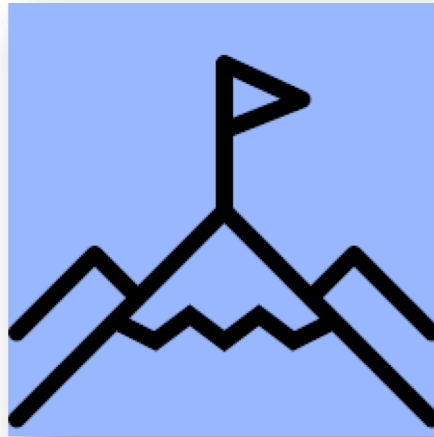




bluesky

PacNOG
June 2019

Version 1.1



Vision

To be the most recognized and preferred company in connecting our Pacific community around the world

LOOKING BACK



bluesky 

BLUESKY SAMOA LTD
2016 – Today

4G/4G+ Technology launched
Full IP-based Backhaul on Fibre
Full IP-PBX (e.g. 911 for Govt)
Tui Cable, Sat. capacity – reduced

BLUESKYSAMOA LTD STARTS
2011 – 2015

1st 3G/ H+ Network in Samoa
IPTV Technology (MoanaTV)
3x Markets (ASam, Samoa, Cooks)

SAMOATEL LTD
2002 – 2011

Govt-owned Corporation
Fibre Technology covers 80%
WLL, 2G mobile
Submarine Fibre: ASH – SAS

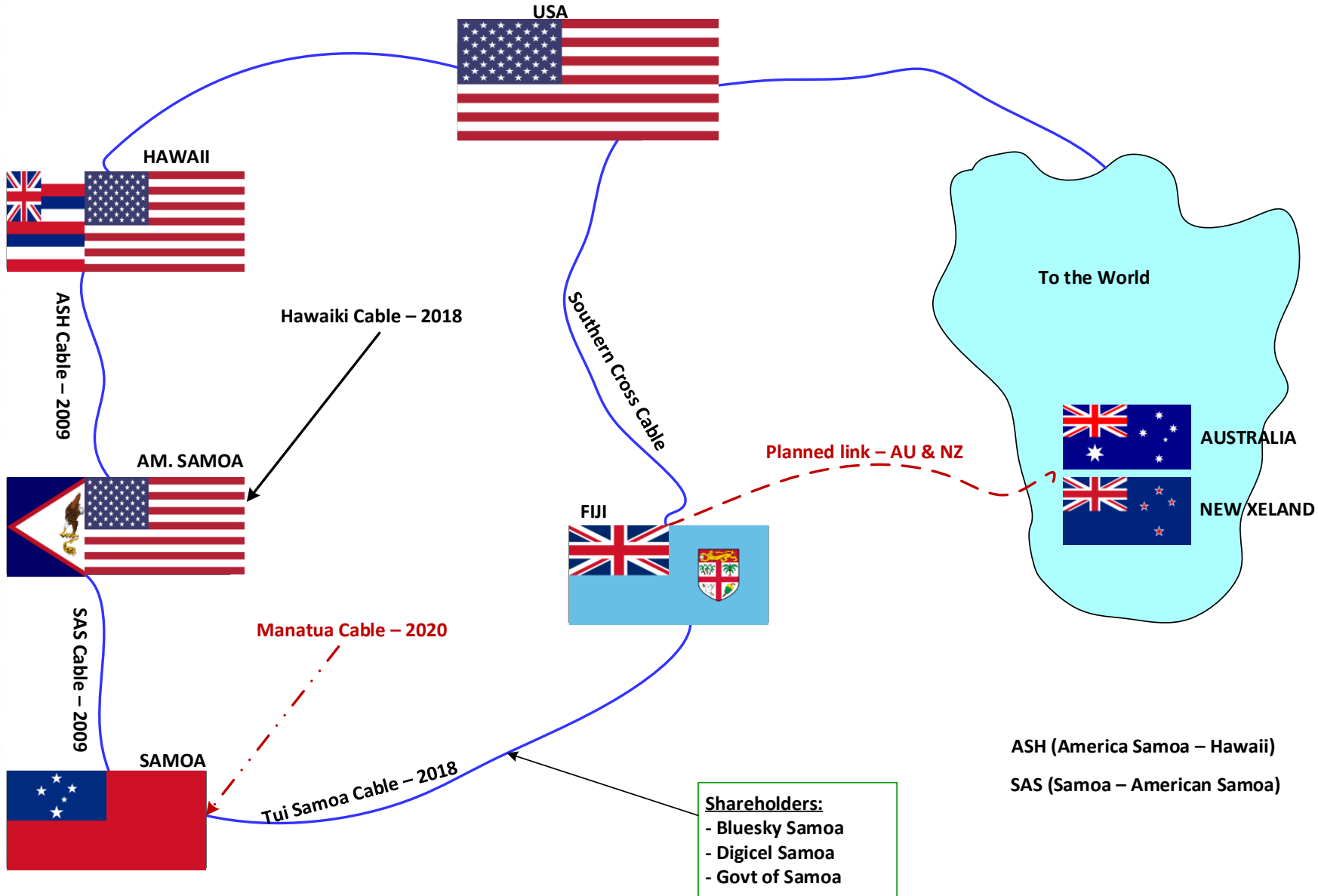
SAMOA COMMUNICATION LTD
1999 – 2001

Reform: Govt-owned Corp.
New Management (Expats)
Fibre Technology Starts

POST & TELECOM DEPT.
---- ends 1999

Monopoly
Fixedline Services Only
\$3.50 per min International
Satellite connection

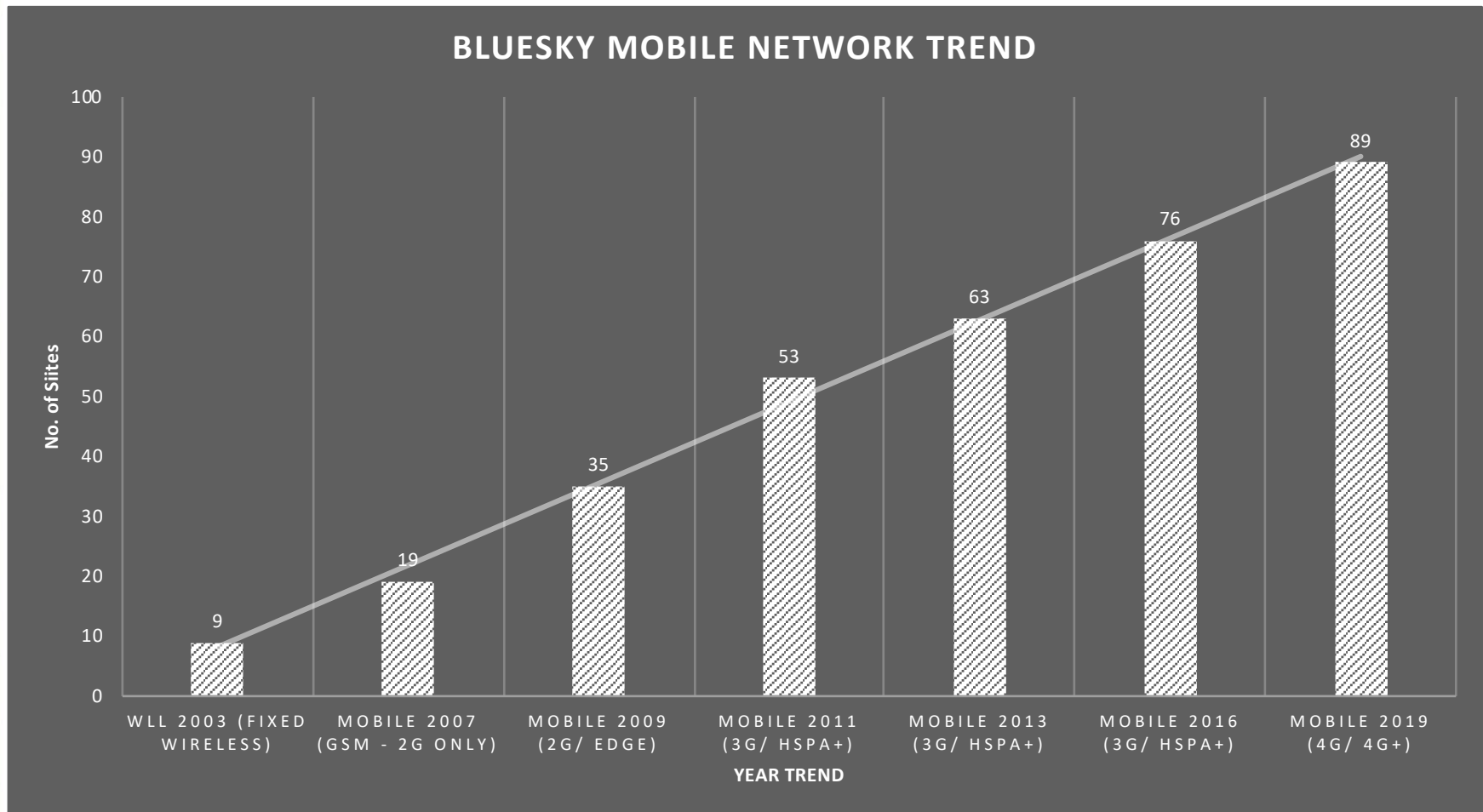
BSKY GOING INTERNATIONAL



WHAT'S HAPPENING SO FAR



- **SAVAII: 22, UPOLU: 66, MANONO ISLAND: 1**
- **2G/3G/4G/4G+ Sites: 65, 2G/3G Sites: 24**
- **Bridging the Digital Divide: Community Projects for very remote villages: Saletele, Uafato, Salimu, Musumus, Tafua Tai. Coming up is Letui – 2019.**



WHAT'S HAPPENING SO FAR



- **Transmission Infrastructure:**

- *Upolu Island: 90% of services on **FIBRE** (Mobile & Fixedline)*
- *Savaii Island: 25% of services on **FIBRE**, 80% on IP-Microwave Radio*
- *Full IP-based **REDUNDANT**, High Speed (up to 10Gbps)*
- *Supporting IPTV, Broadband, Voice, LDCs, TDM links*

- **Copper Infrastructure:**

- *Reduced usage; Mobile usage dominant*
- *Old Technology phasing out, particularly Rural Areas*
- *Will maintain Central Business District (CBD) area, Industrial Area*

- **GPON Infrastructure (NEW!):**

- *High Speed fibre solution: CBD area (start rolling out)*
- *Wireless Solution Alternative: Rural areas*
- *Services: providing Internet, Voice, IPTV*

WHAT'S HAPPENING SO FAR



- **Disaster Recovery:**

- *Host of 911 Emergency Service, full IP redundant solution*
- *Disaster Recovery Sites:*
 - *(1) Maluaofu Mani Office (separate room)*
 - *(2) Vaitele Uta remote site – under construction*
- *Core Servers redundant format – Back up and Replication*
- *Active Member of DMO*

LOOKING AHEAD



- **Hosted Services:**

- *Redundant Servers/ Facilities – Banks, Government Ministries*
- *Disaster Recovery Sites:*
 - *(1) Maluafou Mani Office (separate room – just completed)*
 - *(2) Vaitele Uta remote site – under construction*
- *Core Servers redundant format – both Back up and Replication*

- **Power Upgrade:**

- *Server Room capacity upgraded – New UPS and DC Supplies*
- *Looking at Solar Solution, mainly for remote sites – Feasibility study in progress, inline with Government Green Power Strategy*

LOOKING AHEAD



- **4G Network Expansion:**
 - *Upgrade all remaining sites to 4G*
 - *New sites*
- **Shared Structures:**
 - *Co-location on towers – review for outsource*
 - *Save CAPEX cost*
 - *Share maintenance costs*
 - *Keep the focus on Services*