



TELECOMS DIGITAL STRATEGY FORUM

21-22 October 2019

Venue: Hilton Fiji Beach Resort, Denarau, Nadi FIJI

Sponsor Logos



Tentative Program

Day 1: Monday 21 October 2019

0815		Registration Opens
0855		Everyone to be seated
0900-1030	1.0	Opening Remarks & Keynote Addresses: To the Era of Digital Capabilities
	1.1	The Welcome & Opening remarks: Mr George Samisoni, PITA President Key challenges for Pacific Islands and need to adopt effective strategies for digital transformations
	1.2	Opening Address and Keynotes: Ms Deborah Weiss, Permanent Secretary for Communications, Government of Fiji
	1.3	Presentation on International Digital Trends and ITU Development Programs for Bridging the Digital Divide: Mr Ashish Narayan, Program Coordinator, ITU ASP& CoE
	1.4	Vote of Thanks: Mr Phillip Henderson, PITA Vice President



Group Photo

1030-1100

Morning Tea Refreshments

1100-1230

2.0 **Planning for digital capabilities, digital services & applications – demand, policies, technologies**

This session is to provide a review of what drives the digitalization of services and networks, the essential foundations and path for the target impact and case studies.

Moderator: Mr George Samisoni, PITA President/CEO FINTEL

Presentations and Panelists

2.1 **Planning for the future networks;**

The global trend, standards, policies & key demands of 4G & 5G

Sami Tabbane, ITU Expert: [Bio](#)

2.2 **4G to 5G long term evolution key drivers**

With the majority of members having upgraded their networks to 4G, this session will look into the importance of existing 4G network as the foundation of future 5G, with new and advanced technologies that could provide close synergy between 4G and 5G, and fully leverage both the network and spectrum asset to achieve a simplified target mobile network for the future.

The global mobile industry is fast shifting towards 5G. Cloud-based services are becoming “native”, bringing mobile user experience to a whole new level. Faster 5G speed accelerates fixed mobile convergence, bringing “fiber like” broadband connectivity to home and enterprise. With new capabilities such as low latency and massive connectivity, the next generation wireless technology can also better support various industrial and vertical applications, help expanding operators’ business from B2C to B2B. It is essential to chart a pragmatic and efficient path to 5G.

Wai Cheong, [Huawei Technologies](#)

2.3 **Alibaba group digitization journey**

The practical case model of innovation, e-commerce essentials and sharing of Alibaba 20-year journey, planning for its main business groups/pillars: e-commerce, logistic, payment gateway, cloud, and next 3-year strategies

Andy Shi, [Alibaba](#)

2.4 **Panelist: Vodafone Fiji planning for 5G**

To discuss key considerations in planning for digital capabilities, local market social & economic demands, global transitions to 5G, new tariff strategies, and the contexts of networks, and enabling policies in the Pacific Island

Andrew Kumar, Vodafone Fiji

1230-1400

Lunch Break



- 1400-1530 3.0 **Digital Inclusions**
This session aims to raise awareness on key gaps across sectors that ICT and Digital strategy could address; Success stories and case studies
Moderator: Mr Phillip Henderson, Country Manager Bluesky Cook Islands, & PITA Executive
- Presentations and Panelists*
- 3.1 **Facilitating for digital economy:**
ANZ's development for digitisation, new advanced technologies, capabilities and financial inclusions
Aubry Dodd, Elenoa Buliruarua; ANZ
- 3.2 **Practical roadmap** e-government, digital inclusions and smart islands
With the ongoing investments and roll out of advanced network technologies and applications, this session aims to discuss opportunities of consolidations towards greater digital inclusions and new agilities by government and telecoms
Yi Zhou, Huawei Technologies
- 3.3 **Data protection strategy**
Network connectivity capabilities are expanding throughout the Pacific region, and enabling access to online products and services that have not been available before. This session will discuss modern approaches to data protection and service availability, and functions of technology in providing data management platform required to realise these opportunities for telecoms, governments and corporates This talk will also cover a case study with Island Government, in their transformation to consolidate their various Ministries and ancillary services onto highly available, highly scalable data app platform.
Matt Swinbourne, FLEXdata/NetApp
- 3.4 **Innovative App on Telemedicine**
Case study presentation: developing Innovative Mobile App for assisting address the national need for digital inclusions in Health care.
Rakin Wahed, Youth Entrepreneur Pasifika Heartbeat
- 1530-1600 **Afternoon Break**
- 1600-1730 4.0 **Leveraging on Digital technologies;**
Technology and Commercial Session for ICT, innovations for Digital strategies, frameworks and transformation in the telecom and ICT sector
Moderator: Mr Phillip Henderson, Country Manager Bluesky Cook Islands, & PITA Executive



Presentations and Panelists

4.1 [Considerations of a Regional Hub for Voice and Messaging](#)

This presentation is to discuss the Architecture and share a Use-Case study for a regional Voice and Messaging hub to reduce latency, improve operational efficiency and save costs.

Andreas Hipp, [Cataleya](#)

4.2 [Satellite roles in developing network resilience & capabilities](#)

As Pacific nations become more dependent on internet connectivity with high demand for critical lifeline connectivity. Mobile network operators and internet service providers need to understand how technologies like high throughput satellite can work together to offer affordable turnkey solutions for health, education and tourism industry players

Matteo Catanuto, [KACIFIC Broadband Satellites](#)

4.3 [Practical Case study: The role and decision on Technologies, and Cloud – The Alibaba experience](#)

This session will discuss how the Cloud and data technology underpins all the Alibaba business groups/pillars, share Alibaba cloud strategy and main solutions, and advancements to cloud intelligence, face recognitions, security and more

Simon Wu, [Alibaba](#)

4.4 [Regional Telecommunications Hub concept - for training and cloud services](#)

To discuss on a centralised HUB for the regional telecommunications industry players for

- Regional Application HUB
- Regional Strategic Solution Design Authority
- Regional Training HUB
- Additional services leveraging on the centralised solution

Neill Swart & Richard Giuliano, [VAS-X](#)

1730 End of Day 1

1830 [Welcome & Social Networking Reception; Cocktail with Canapes](#)
[Vision Room/MARAVU Restaurant – TBC](#)
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1. [Kacific Broadband Satellites](#)
2. [Huawei Technologies](#)



Day 2: Tuesday 22 October 2019

- 0900-1030 5.0 **Digital Transformation for Support Processes & Workplace**
How can digital transformation aligns to the new business agility, cost structure and customer centricity in this era for digital capability
Moderator: Phillip Henderson, PITA Executive Member & Country Manager Bluesky Cook Islands
- Presentations and Panelists*
- 5.1 **Digital Transformation; new tech and legacy services – a story of process and support**
Digitising of support services and processes within the telecoms industry, interoperability of digital platforms, and digitising intercarrier settlements with blockchain; overview and benefits of technology, successful trials and plans to roll out.
Cedric Mauville, [PCCW](#)
- 5.2 **Zero Touch Partnering; Industry Standards & leveraging on APIs**
With the rise of global platform businesses, comes the need for simpler extensive partnering between suppliers, vendors and carriers. This presentation will discuss how service providers may on-board ZTP and integrate with different service suppliers leveraging on open APIs and zero code interworking, a new innovation to bring about simpler process to get to market
Matt Kennedy, [DGIT Systems](#)
- 5.3 **iConnect-Pro**
This consists of ‘Pro-Clearing’ which is a clearing house solution for roaming data and financial analysis, which can greatly assist new MNO’s or MVNO’s
Eric Yip, [China Mobile International](#)
- 5.4 **Identification Strategies for Digital World**
A discussion on the emerging maturity of facial recognition technologies and applications in the need for identification in the digital application, with global trends; this session will update on technologies and inroads made, the scope of this technology and applications, benefits and new agilities, network needs and strategies
Simon Wu, Alibaba
- 1030-1100 **Morning Break**
- 1100-1230 6.0 **Strategies for high speed network services & Driving the costs down in bridging the digital divide**
Moderator: Mr George Samisoni, PITA President/CEO FINTEL



Presentation and Panelists: Submarine and Terrestrial Optic fiber Networks

- 6.1 [Update on Maximising availability of international connectivity in the Pacific, New submarine cable schemes, challenges and scope of services](#)

New dimensions and future, a practical outlook for the Pacific

Ashish Narayan, [ITU](#);

- 6.2 [Optic Fibre Technology and strategy for Digitalisation; to connect people and businesses in the Pacific](#)

The submarine fibre cable has landed/is landing into many of the Pacific islands, which will change our lives whether we want or not. Therefore, it is important to discuss about the technologies beyond the cables and for the future networks as well.

The presentation is about fibre technology enabling people and businesses to connect and network to create new businesses. It dives into the technologies to help build readiness for the future communication needs and demands considering the requirements that 5G or 6G RAN sets to the fixed networks. This talk will also cover future applications like FTTH and what's beyond that, and the strategic decisions the service- and network providers have to make to be able to build networks for the future demands.

Marko Merenheimo, [Hexatronic New Zealand](#)

- 6.3 [FTTH programs and inroads by countries](#)

Case study and Cook Islands program on GPON and FTTH

Phillip Henderson, [Bluesky Cooks Islands](#)

- 6.4 [Tuvalu Telecom case presentation:](#)

Business reimagination for new agilities and considering new opportunities of cloud and virtualisation models for leaner and efficient telecoms

Anisi Penitusi, Tuvalu Telecom

1230-1400 [Lunch Break](#)

1400-1530 7.0 [Strategies for high speed network services & Driving the costs down in bridging the digital divide - cont'd](#)

Moderator: Phillip Henderson, PITA Executive Member & Country Manager Bluesky Cook Islands

Presentation and Panelists: Space and Wireless Networks

- 7.1 [How the Satellite industry is driving down the cost of connectivity to make bridging the digital divide more affordable](#)

The satellite industry has made significant investments in new satellite technology to make Ultra High Throughput Satellites and low-cost ground infrastructure a reality.



Connectivity using satellite is no longer the choice of last resort.

With new LEO, MEO and GEO satellite constellations being launched over the next few years Pacific Island nations will have economical options to deliver high speed Broadband Internet services to remote locations with end user prices comparable to urban cities. Services including community WiFi, Distant learning, Remote medicine, IOT and coastal shipping / ESIMs will be accessible across the pacific.

Dennis Jerram, [Viasat](#)

7.2 **[Bridging the Digital Divide with Fixed Wireless Technologies](#)**

This presentation will cover WiFi6, 60GHz Fixed and 28GHz Fixed 5G solutions for 2020, plus recent case studies using High Capacity MU-MIMO and Massive MU-MIMO Fixed Wireless for High Speed Fixed Wireless

Roy Wittert, [Cambium Networks](#)

7.3 **[Satellite takes centre stage in the cloud-scale era](#)**

Across the islands of the Pacific, demand for latency-sensitive, cloud-based content and applications are on the rise. The arrival of advanced technologies, both in the satellite and terrestrial networks, will provide an essential ecosystem to meet the demand for bandwidth in the islands as we enter the cloud-scale era – and making it possible to connect every island, every person, everything.

This session will discuss technological innovations, cloud adoptions and vision of improved network connectivity in the Pacific, the Role of satellite in the cloud-scale era, Integration of satellite into the global terrestrial network, and new and upcoming technology (announcements, partnerships, O3b mPOWER – MEO and LEOs?)

Alan Cheng, [SES](#)

7.4 **[Visions and strategies for digital connectivity in the Pacific Islands](#)**

Sharing the WB visions and getting everyone connected to the global digital economy

Shivnesh Prasad, World Bank

1530-1600 **[Afternoon Break](#)**

1600-1710 8.0 **[Securing critical resources](#)**

The global telecom industry landscape is changing faster than ever. Many Pacific Island telecom operators are in a process of planning or have already embarked on the journey of the digital transformation. Yet these telecom operators are struggling to design, deploy or secure resilient and sustainable resources and infrastructure to support the communication network. This session will cover a number of areas such as Power, Disaster & Emergency Communications, Critical bandwidth, Spectrum and other critical resources.

Moderator: Mr George Samisoni, PITA President/CEO FINTEL

Presentations



8.1 [Innovative strategies in building a resilient and sustainable telecom Power Infrastructure in the Pacific Islands](#)

Uninterrupted Power supply is the life-blood of the telecom network. Either it be the backup power for the unreliable grid or the power generation at off-grid sites. Various strategies will be discussed on how to make the network power infrastructure resilient and sustainable, economically.

Arthur Sams, [Polar Power](#)

8.2 [Emergency Cluster for Telecommunications & Partnerships;](#)

Disaster - Emergency communications, role of the Emergency Telecommunications Cluster, and Humanitarian needs during disasters and emergencies, roles of telecoms and dialogue

Dr. Hlekiwe Kachali, [ETC UN WFP](#)

8.3 [Critical Internet bandwidth: Global Internet Phenomena Report: How Applications are consuming Bandwidth](#)

Using the Sandvine Internet Phenomena report, this presentation will highlight some of the key trends that have happened on the internet over the last year globally and in Asia Pacific region. Some of the highlights that will be discussed include the 2nd wave of Video, the re-growth of peer-to-peer and the ever-advancing issues caused by the gaming community. Collected over the period of 6 months, the data shown will give an insight into some of the potential issues ISPs need to be aware of and provide some insights into what may be the issues they face in the coming year

Kevin Redmond, [Maser Technology Group](#)

1710-1730 9.0 [Summary of actions points](#)

Closing

[End of PITA Strategy Forum](#)

[Day 3-5: Wednesday – Friday 16-19 October 2018](#)

0900-1015 1 Opening & Keynotes for the ITU/PITA Workshop on Advanced Mobile Infrastructure Planning & Security (Vision Room)

[Group Photo](#)

1015-1045 [Morning Tea Break](#)

1045-1245 Break Out sessions

Breakout 1 ITU CoE/PITA Workshop Training on Advanced Mobile Infrastructure Planning & Security (Vision Room)



Breakout 2 **PITA CEO Forum (Maravu Restaurant)**

1245-1400 **Lunch (Vision Room)**

1400+ Continue ITU/PITA workshop session
[Refer ITU/PITA Program here](#)

Acknowledgements

PITA would like to extend much appreciation to the ITU Asia & the Pacific Regional Office, the Ministry of Communications Fiji, all the Speakers, Participants and the following Sponsors who had made this Forum and Workshop Training possible to provide value to all.

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