



# Mobile Communications Forum For the Pacific Islands

1. **Mobile Workshop**
2. **Green Power workshop seminar**
3. **PITA Fraud, Revenue Assurance & Security forum Meeting**

Date: 23 – 25 November 2009;

Venue: Convention Centre, Tanoa International Hotel, Nadi FIJI

**DRAFT PROGRAM AGENDA** (drafting ongoing – for internal collaborations)

## DAY 1: Mon 23 November: Mobile workshop

0830		Registration
0850		<b>Welcome and Opening remarks</b>
0900-1030am	<b>1</b>	<b>GSM Roaming and Innovations</b>
	1.1	<b>Key principles for Roaming and its billing</b> This presentation will cover overview of the core mechanisms of roaming, the core component, options and trends, key features of offerings by vendors that the Pacific islands will find useful in seeking roaming <b>Telecom NZ</b>
	1.2	<b>Successfully Marketing the roaming hub as flagship product</b> This presentation lays down the stakes plainly and recommends approaches for introducing a new roaming hub solution for the mobile operators in the Pacific Islands. The Orange roaming hub is the result of a steady process put in place to drive Orange from a bilateral to a multilateral roaming model and a direct answer to the growing complexity. The Orange roaming hub is the result of a steady process put in place to drive Orange from a bilateral to a multilateral roaming model and a direct answer to the growing complexity. We wish to share how we simplify the way we are dealing with roaming, putting in place new set-up processes for a more convenient every-day use. Also, how we create new technical opportunities thus fueling additional financial prospects and secure our environment by implementing a data and financial clearing policy and a strong technical reliability. By sharing Orange roaming hub experience, the mobile operators in the Pacific Islands could also review and improve their own roaming arrangement to a more efficient and cost-effective model. <b>Sebastien Hie, ORANGE</b>
	1.3	<b>Mobile Interconnection IPX</b> This presentation will cover overview and IP interconnection concept of Mobile Interworking across international borders in the areas of Mobile Data, messaging and CAMEL prepaid voice services. <b>Michael Carpenter, Aicent Inc</b>
1030-1100am		Morning Break
1100-1230pm	<b>2</b>	<b>Fraud &amp; revenue Assurance</b>
	2.1	<b>'GSM Fraud update - we continue to face the same issues'</b> Fraud Forum statistics show that the bulk of our industry fraud losses are still coming from fraud types which have been around for a number of years, including Subscription Fraud, Premium Rate Services, International Revenue Share Fraud, Roaming and a number of others. While we are experiencing some new and emerging fraud trends, these are generally fraudsters using new industry offerings as an enabler to commit one of the old fraud types. This presentation will discuss current world-wide fraud trends being experienced by GSM Operators and some countermeasures being introduced to reduce this risk' <b>Colin Yates, VF – Group (Fraud, Risk &amp; Security)</b>

2.2 **Principal Fraud Issues facing Pacific Islands telecom operators – 2009**

Sean Killeen, XINTEC

2.3 **Building a Business case to purchase a Fraud and/or a Revenue Assurance System**

Sean Killeen, XINTEC

1230-1400pm

Lunch Break

1400-1500pm

**3 Technology Talk – WiMAX & LTE**

3.1 **WiMAX Vs LTE**

With new mobile technological developments, vendors will be presenting Pacific Island operators and Governments with a number of technical options for extending or modifying existing mobile networks. We will discuss key issues that to be considered by anyone considering the merits of WiMAX versus LTE deployment. Discussions will include Overview of technology choice for island mobile, Key costs and benefits of WiMAX and LTE, Transitional scenarios and upgrade paths, and ensuring cost-effectiveness.

Michael Waterman, Network Strategies

3.2 **WIMAX & Terminals**

This presentation will discuss WiMAX specifically, global update and trends and solutions, case studies, the various terminals, options & availability in meeting the challenges in the Pacific

Chan Lai Hoong, Huawei Technologies

1500-1530pm

Afternoon Break

1530-1630pm

**4 Rural and remote mobile applications**

4.1 **Small scale GSM deployment**

This presentation will illustrate the ability of a small scale GSM system to successfully bring mobile services to areas of low subscriber density. Most GSM deployments tend to rely upon major central systems irrespective of the size and coverage of the intended network. This can place an unnecessary burden, in terms of capital and operational overhead, to a small operator requiring coverage over a limited area, for relatively low subscriber counts or even for disaster recovery. This presentation will describe the architecture and service capability of a small scale GSM deployment currently in use within the Pacific and how it can be successfully used these environments.

Trevor Harris, Pactel International

4.2 **Mobile applications by satellite**

This presentation will assist Pacific Islands consider options for the delivery of enhanced solutions using satellite as a backbone and enabler of remote and rural services. It will cover satellite options to deliver Cellular backhaul, mini/micro cell site solutions, and also IP backbone to remote WiFi/WiMAX sites. Will also explore potential of using cellular micro cells and wifi/wimax for disaster recovery solutions.

Keith Ramsay, Intelsat

1630-1700pm

**5 Regulatory Discussions**

**The emerging trends, issues, needs and reforms, Case Presentations**

1700pm

End Day 1

## DAY 2: Tue 24 November: Mobile workshop

0850		<b>Welcome and Opening remarks</b>
0900-1030am	<b>1</b>	<b>Green Power Seminar</b> , by GSMA  <b>Introduction to Green Power Mobile</b>  <b>Feasibility Study</b>
1030-1100am		<b>Morning Break</b>
1100-1200pm	<b>2</b>	<b>Workshop: Developing Renewable Site</b> , by GSMA  <b>Designing a renewable energy site, introduction and doing a single site design and business case as an example</b>
1200-1240pm	<b>3</b>	<b>Industry Presentations</b>  <b>Green Power solution</b> The discussion will cover overview of global update and trends with Green power and solutions for the Pacific Islands <b>(Sue) Xiao Jing, Su, Huawei Technologies</b>
1240pm	<b>4</b>	<b>Summary, Actions Points &amp; Closing</b> (note PFRAS meeting on Wed)
1300-1400pm		<b>Lunch Break</b>
1400-1730		<b>Combined Session: Cybercrime and Security stakeholders seminar</b> <ul style="list-style-type: none"> <li>• Opening and welcome</li> <li>• Keynote &amp; Opening</li> <li>• Online crime &amp; Underground Economy 2009 - Team Cymru</li> <li>• Cybercrime and implications on business: keyloggers &amp; phishing - AusCERT</li> <li>• The Internet impact on lifestyles – CISCO Systems</li> <li>• Online threats and concerns – ANZ Bank</li> <li>• Addressing cybercrimes: new provisioning and role for enforcements – Fiji Country case: - Director of Public Prosecutions</li> <li>• Global Cyber-security Agenda &amp; Pacific CERT – ITU</li> <li>• Question &amp; Answers</li> </ul>

## DAY 3: Wednesday 25 November: PITA Fraud, Revenue Assurance & Security Meeting (PFRAS)

0830		Registration: <b>(Closed Meeting –PFRAS Members and Invited speakers only)</b>
0850		<b>Welcome and Opening remarks: Chair PFRAS forum</b>
0900-1030am	<b>1</b>	<b>Aims, themes and activities</b>
1030-1100am		<b>Morning Break</b>
1100-1230pm	<b>2</b>	<b>Plans, Strategies &amp; Action Points</b>
1230pm		<b>Summary &amp; Closing</b>
1300pm		End