

THE 10TH ANNUAL
CTO FORUM
Towards a Digital Commonwealth 2012



22 - 24 October 2012
 InterContinental Mauritius Resort
 Balaclava Fort, Mauritius

**52ND
 COUNCIL
 MEETING**

25 - 26 October 2012
 InterContinental Mauritius Resort
 Balaclava Fort, Mauritius

Host



Organiser



COMMONWEALTH
 TELECOMMUNICATIONS
 ORGANISATION

Mobile broadband for development

Key Topics

- Infrastructure build-out for rapid mobile broadband roll-out
- Spectrum licensing and ubiquitous mobile broadband service delivery
- Democratising broadband-capable handsets
- Cyber threats and security for broadband-enabled mobile devices
- Mobile content, cloud platforms and applications ecosystem

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<http://www.events.cto.int/CTOF2012>

Sunday, 21st October 2012

- 15.00 **Early registration in the Foyer**
-
- 18.30-20.00 **Welcome Cocktails in the Barracuda Bar hosted by Information and Communication Technologies Authority (ICTA) of Mauritius**

DAY 1 Monday, 22nd October 2012

- 07.30 **Registration and refreshments**
All delegates to be seated by 09.15 am
-
- 09.30 **Chairman's opening remarks**
Dass THOMAS, Chairman of the Board, Mauritius Telecom
-
- 09.35 **Welcome address by the host**
Trilock DWARKA, Chairman, ICTA, Mauritius
-
- 09.40 **Welcome address by the Secretariat**
Prof. Tim UNWIN, CEO, Commonwealth Telecommunications Organisation
-
- 09.45 **Ministerial opening address**
Hon. Tassarajen Pillay CHEDUMBRUM, Minister of Information and Communication Technology, Mauritius
-
- 09.50 **Address by the Chief Guest**
H.E. Mr. Rajkeswur PURRYAG, GCSK, GOSK, President of the Republic of Mauritius
-
- 10.10 **Launch of Mobile Hack-a-Thon**
-
- 10.20 **Group photograph**
-
- 10.30 **Morning Refreshments and Networking**

Session I - Policy panel discussion: Implementing widespread access to affordable mobile broadband - opportunities and challenges

- 11.00
- Evaluating factors affecting widespread accessibility of mobile broadband services
 - Should governments treat fibre capacity on par with electricity and water resources?
 - Where would spectrum for LTE come from, and how much is enough?

Moderator:

Dr. Ekwow SPIO-GARBRAH, former CEO, Commonwealth Telecommunications Organisation

Panellists:

Ms. Wani-Noah Beatrice KHAMISA, Deputy Minister, Ministry of Telecommunications and Postal Services, South Sudan

Ms. Elizabeth POWELL, Permanent Secretary, Ministry of Communications, Fiji

Dr. Stephen MNCUBE, Chairperson, ICASA, South Africa

Andrew RUGEGE, Regional Director for Africa, ITU Regional Office, Addis Ababa, Ethiopia

Erick LEFEVRE, Director of Regulatory Affairs, SFR, La Réunion



Session II: Achieving rapid deployment of mobile broadband infrastructure

11.50 Featured presentation: Delivering effective broadband infrastructure - the case of South Africa

Ms Puleng SEJANAMANE, CEO
Broadband Infraco, South Africa

ALICE, a new 4G Network in Mauritius

Roodesh RAMSURRUN, Director of
Sales and Marketing, DCL

12.15 Industry panel discussion: Strategies and technologies for rapid roll-out of mobile broadband infrastructure

- Building and managing network infrastructure to deliver next generation broadband services
- Understanding cloud computing and IPv6 on wireless networks

Moderator:

Ms Lynne DORWARD, CEO, Ladcomm
(Canada) & Former Group Chief
Regulatory Officer, Zain

Panellists:

Ms Puleng SEJANAMANE, CEO
Broadband Infraco, South Africa

Adiel AKPLOGAN, CEO, AFRINIC

Roodesh RAMSURRUN, Director of
Sales & Marketing, DCL

Ranjeet WILKHU, Senior Advisor,
CompuBits, UK

Alok SINGH, CEO, Novatium, India

13:00 **Networking Lunch at Senso
Restaurant hosted by DCL**



Session III: Building capacity to deliver cost-effective, universal mobile broadband services

14.00 Featured presentation: Building the 4G mobile broadband network in Africa

William HEARMON, Chairman, 4G
African Broadband Forum

14.15 Operator panel discussion: Achieving rapid mobile broadband deployment – how should stakeholders collaborate?

- Resolving ongoing spectrum allocation issues
- Addressing the state of fibre backhaul to BTS
- How will voice calls work on LTE networks? Are handovers possible now?

Moderator:

William HEARMON,
Chairman, 4G African Broadband
Forum

Panellists:

Ms. Dianna DE SOUSA, Acting Chief
Executive Officer,
Telecommunications Services of
Trinidad & Tobago

Fabio S. LEITE, Deputy-Director,
Radiocommunication Bureau, ITU

Ismet OZEER, Senior Executive,
Network Planning, Mauritius Telecom



15.00 **Alastair MACPHERSON**, Partner,
 PricewaterhouseCoopers

**Afternoon Refreshments and
 Networking**

**Session IV: Security, privacy and mobile
 broadband**

15.30 Featured presentation: Effective security
 for mobile broadband and cloud-based
 services

Hubert O. BORGES-DA-SILVA,
 Managing Director, Jilanda Secure Smart

15.45 Industry panel discussion:
 Assessing cyber threats to broadband-
 enabled mobile devices

- Providing effective security for mobile
 and cloud based applications
- Privacy implications of emerging mobile
 applications and services
- Managing the ecosystem to sustain a
 balanced scorecard of service innovation,
 security and data privacy

Moderator:

Dr. Krishna OOLUN, Executive Director,
 ICTA, Mauritius

Panellists:

Pelle GARA, Founder, NetClean
 Technologies, Sweden

Ms. Velamah CATHAPERMAL,
 Regulatory Affairs in-charge, Mauritius
 Telecom and Orange

Yashnath ISSUR, Head of Data Centre
 and Information Security, EMTel Mauritius

Hubert O. BORGES-DA-SILVA,
 Managing Director, Jilanda Secure Smart

Nader Saad HENEIN, Security Advisor,
 Research in Motion UK

17.00 **End of Forum Day 1**

18.00 **Evening Cocktail Reception**

19.00-
 22.00 **Welcome Dinner hosted by ICTA at
 Les Ruines de Balaclava, Hotel
 Maritim**



Day 2 - Tuesday, 23rd October 2012

08.00 **Registration**

09.00 Chairperson's opening remarks

Prof. H C S RUGHOOPUTH, Vice
 Chancellor, University of Mauritius

09.10 Featured presentation: Filtering –
 Censorship or making a difference?

Pelle GARA, Founder, NetClean
 Technologies, Sweden

09.25 Silver Sponsor Address:

Shyam ROY, CEO, EMTel Mauritius

09.40 Diamond Sponsor Address:

Sarat Dutt LALLAH, CEO,
 Mauritius Telecom

Session V: Regulatory framework for mobile broadband development

10.00 Industry panel: Regulatory capacity to foster ubiquitous mobile broadband connectivity

- Flexible and technology-agnostic licensing for the broadband age
- Universal service obligations for mobile broadband

Moderator:

Dr. Krishna OOLUN, Executive Director, ICTA, Mauritius

Panellists:

Thari PHEKO, CEO, Botswana Telecommunications Authority

Ms Angelique WEEKS, Chair, Liberia Telecommunications Authority

Aboubakar ZOURMBA, Deputy Director General, Telecommunications Regulatory Board of Cameroon

Ms Debbie ROETS, Executive Secretary, African Forum for Utility Regulators

Ms Lynne DORWARD, CEO, Ladcomm (Canada) & Former Group Chief Regulatory Officer, Zain

11.10 **Morning Refreshments and Networking**

Session VI: Satellite broadband for development

11.40 Next-Generation Satellite Technologies to Cost-Effectively Connect Africa

Jonathan OSLER, Managing Director, Intelsat

11.55 Innovation in satellite technology: Opening new horizons

Ladi OKUNEYE, Director, Business Development for Africa, O3b

12.10 Connecting the Unconnected via Satellite

Kumar SINGARAJAH, Director, Regulatory Affairs and Business Development, Avanti Communications Group

12.25 Industry panel discussion: Are satellite networks the proven solution to cost-effective, universal broadband access?

- Satellite mobile connectivity as an agent for social economic development
- Ka-band: the capacity and cost debate

Moderator:

Patrick MASAMBU
 Deputy Director General & Director of Technical Affairs, International Telecommunications Satellite Organization (ITSO)

Panellists:

Jonathan OSLER, Managing Director, Intelsat

Ladi OKUNEYE, Director, Business Development for Africa, O3b

Kumar SINGARAJAH, Director, Regulatory Affairs and Business Development, Avanti Communications Group

13.10 **Charity Lunch and Networking at Senso Restaurant hosted by Emtel Mauritius**



Session VII: Mobile content and mobile applications

14.10 Beyond content to immersive experiences: new paradigms and visions of future mobility

Anuraj GAMBHIR, Strategic Advisor and Innovation Evangelist, Steadworks, India

14.20 Industry panel discussion: Building and supporting a viable and relevant mobile content and applications ecosystem

- Applications driving demand for mobile broadband
- The need to localise applications and content
- Providing key support to local mobile app innovators

Moderator:

Anuraj GAMBHIR, Strategic Advisor and Innovation Evangelist, Steadworks, India

Panellists:

Eric CHABER, President, Mobile Monday (Mauritius Chapter)

Alok SINGH, CEO, Novatium

L. R. Rai BASGEET, Senior Executive, Business Development, Mauritius Telecom

15.00 **Demonstrations and Downloads at Orange Apps Labs**

15.30 **Afternoon Refreshments and Networking**

Session VIII: Mobile Apps Marathon

16.00 Mobile Apps and services innovation shout-out

Mobile Monday Mauritius will be facilitating rapid-fire presentations from local mobile apps developers on their innovative apps that are aimed at social and economic development within the broadband ecosystem.



17.00 Mobile Hack-a-thon Challenge Concludes

17.30 **End of conference day two**

19.00 **Cocktails and Cultural Show at Les Ilots, InterContinental Mauritius Resort**

20.15 **Dinner in Dinner at Intercontinental Mauritius Resort hosted by Mauritius Telecom**

Award for Best Mobile Application





Day 3 - Wednesday, 24th October 2012

09.00 Case-study: IPv6 in Mauritius **ICTA and University of Mauritius**

09.30 Special high-level workshop conducted by **AFRINIC** on IPv6 for decision makers: The importance of IPv6 for the future and scalability of the internet (15-minute refreshment break)

Hisham IBRAHIM, IPv6 Programme Manager

Mukom Akong TAMON, Training Manager

12.30 **Forum Closing ceremony**

13.00 **Networking Lunch** in Senso Restaurant sponsored by **AFRINIC**



14.30 Buses leave InterContinental Resort Mauritius in groups of 30 for a field trip to Emtel Mauritius Data Centre.

Please note valid ID or Passport will be required for admission to Emtel Mauritius Data Centre.

18.30 - 20.00 **Farewell Cocktails in the Fountain Gardens, InterContinental Mauritius Resort, hosted by Avanti Communications Group**

