

## AFRICAN ADVANCED LEVEL TELECOMMUNICATIONS INSTITUTE (AFRALTI)

# ICT Forum for HR Practitioners

### **THEME: ICT for Social-Economic Development**

DATE: 18<sup>TH</sup> TO 20<sup>TH</sup> MARCH 2015

VENUE: CHRISMAR HOTEL

LIVINGSTONE, ZAMBIA

#### Forum Objectives:

This broad theme covers topical issues not only impacting on African economies but also the World in general.

Discussions on these topics therefore would be beneficial to delegates attending the forum by providing a deep understanding of the current trends.

#### **Target Audience:**

HR Practitioners working in ICT Sector (such as Regulators, Telecoms, Broadcasters, ISPs and Ministries).

#### Methodology:

The forum will be face-to-face interactions offered by slide presentation with projector followed by sharing of actual experiences and discussions by experts in the various topics.

#### **Workshop Learning Outcomes:**

HR Practitioners will have opportunity to learn and share ideas on how well to contribute strategically to the growth of ICT Sector in their respective organizations and Countries.

#### **Topics:**

- 1. The Internet of Everything
- 2. The impact of the Mobile Money Revolution in Africa
- 3. Mobile Virtual Network Operators (MVNO): Challenges and Opportunities
- 4. Transforming to Digital Economy Strategies and Growth Opportunities



### Forum Contents/Topics:

#### Overview

#### **Registration Fee:**

US\$500.00 per participant

#### **BANK DETAILS**

Bank: Standard Chartered

Westlands Branch P. O. Box 14438 Nairobi, KENYA

Account No: 870 809 6935 200
Currency: US Dollar
Swift Code: SCBLKENXXXX
Beneficiary: AFRALTI

NB: Delegates may also pay cash during the forum.

#### **WORKSHOP CONTACTS:**

#### AFRALTI:

Mr. J. Mwakijele/Ms G. Ngure

#### Email:

<u>imwakijele@afralti.org</u> <u>gngure@afralti.org</u>

or

info@afralti.org,

#### **ZICTA**:

Ms. Chileya Seleta

Tel: +260 21 124 431

Email:

cseleta@zicta.zm

Tel: +254 20 265 5011 +254 710 207 061 +254 733 444 421

#### 1. THE INTERNET OF EVERYTHING

The evolving trend and dynamism in technology world makes it possible to believe that Internet of Things is more and more becoming a reality. The question will be asked is "How ready are you for Internet of everything era?". By definition, The Internet of Things (IoT) is a scenario in which objects, animals or people are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. IoT has evolved from the convergence of wireless technologies, micro-electromechanical systems (MEMS) and the Internet.

A thing, in the Internet of Things, can be a person with a heart monitor implant, a farm animal with a biochip transponder, an automobile that has built-in sensors to alert the driver when tire pressure is low or any other natural or man-made object that can be assigned an IP address and provided with the ability to transfer data over a network. So far, the Internet of Things has been most closely associated with machine-to-machine (M2M) communication in manufacturing and power, oil and gas utilities. Products built with M2M communication capabilities are often referred to as being smart.

#### 2. THE IMPACT OF THE MOBILE MONEY REVOLUTION IN AFRICA

What if anyone owning a cell-phone, whether rich or poor, also had access to financial services with the ability to save and send money safely, no matter where they are located? This is not science fiction; in fact it is already happening in Kenya, which has become the world's market leader in mobile money.

The emerging social and economic impact has been remarkable. Businesses can operate more effectively: shop-owners don't need to carry a lot of cash, or to stand in long queues at Banks to transfer money to suppliers. Urban dwellers no longer need to make overnight trips to their rural homes to pay their children's school fees (or give money to relatives).

What lessons have we learnt from these successes? Are there implications for HR practitioners in Africa? It is at the centre of this paper to propose topical areas for discussions by HR Practitioners in Africa on how they can leverage on these successes to promote the productivity of staff in African enterprises.



### Forum Contents/Topics:

#### **Registration Fee:**

**US\$500.00** per participant

#### **BANK DETAILS**

Bank: Standard Chartered

Westlands Branch P. O. Box 14438 Nairobi, KENYA

Account No: 870 809 6935 200

Currency: US Dollar Swift Code: SCBLKENXXXX Beneficiary: AFRALTI

NB: Delegates may also pay cash during the forum.

#### **WORKSHOP CONTACTS:**

#### **AFRALTI:**

Mr. J . Mwakijele/Ms G. Ngure

#### Email:

jmwakijele@afralti.org gngure@afralti.org

or

info@afralti.org,

#### **ZICTA:**

Ms. Chileya Seleta

Tel: +260 21 124 431

Email:

cseleta@zicta.zm

Tel: +254 20 265 5011 +254 710 207 061 +254 733 444 421

## 3. MOBILE VIRTUAL NETWORK OPERATORS (MVNO): CHALLENGES AND OPPORTUNITIES

Mobile virtual network operator (MVNO) is a cell phone carrier that typically does not have its own network infrastructure and licensed radio spectrum. Instead, a smaller MVNO has a business relationship with a larger Mobile Network Operator (MNO).

An MVNO pays wholesale fees for minutes and then sells the minutes at retail prices under its own brand. An MVNO, therefore, is an MNO reseller. An MVNO is actually a customer of an MNO rather than a competitor. An MVNO can typically set its own pricing following agreed-upon rates with its contracted MNO.

We have seen the case of Kenya where Communications Authority of Kenya has issued MVNO licenses to three companies. Issuing of MVNO licenses has not been taken easily by other Operators. It is high time for regulators in Africa to come up with clear policy guidelines for MVNOs. HR Practitioners need to be acquainted with MVNOs and how they operate.

## 4. TRANSFORMING TO DIGITAL ECONOMY - STRATEGIES AND GROWTH OPPORTUNITIES

Digital economy enables trading of goods and services through electronic commerce on the Internet. In this new economy business enterprises, government agencies, and the society will all be impacted in one way or another by the new way of conducting business.

Governments will need to focus on how to provide universal broadband access, provision of ICT skills to the citizens, provision of online government services, focus on the new realm of security of information systems and networks, promote more R&D programmes, technology diffusion to business, new electronic payment methods, and protection of digital content.

Business organization will need to change the traditional form of conducting business by adopting new business processes. This will involve massive investment on training and acquisition of the supporting technologies.



## **REGISTRATION FORM:**

Registration Fee:	REGISTRATION FORM
US\$500.00 per participant	SURNAME/MAIN NAME:
BANK DETAILS	OTHER NAME/S:
Bank: Standard Chartered Westlands Branch P. O. Box 14438	ORGANISATION:  CITY & COUNTRY:
Nairobi, KENYA  Account No: 870 809 6935 200	TITLE/DESIGNATION:
Currency: US Dollar Swift Code: SCBLKENXXXX Beneficiary: AFRALTI	TELEPHONE:
	EMAIL ADDRESS:
NB: Delegates may also pay cash during the forum.	HOTEL BOOKING REQUIRE*? √ Yes/No: Type of Room:
	Hotel Choice:CHRISMAR HOTEL
AFRALTI:	SIGNATURE:
Mr. J .Mwakijele/Ms G. Ngure	
Email: <u>imwakijele@afralti.org</u> gngure@afralti.org	Email this page (only) to workshop contacts provided.
or <u>info@afralti.org</u> ,	
ZICTA:	
Ms. Chileya Seleta	
Tel: +260 21 124 431	
Email: cseleta@zicta.zm	
Tel: +254 20 265 5011 +254 710 207 061 +254 733 444 421	