COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION
FORUM2014

8 - 10 SEPTEMBER 2014, DHAKA, BANGLADESH

RADISSON BLU WATER GARDEN HOTEL DHAKA

Organised by

CTO

COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION

Hosted by

BTRC

EVENT
GUIDE

ICT4D From **access** to **inclusive** and **innovative services**

The **Commonwealth Telecommunications Organisation Forum** is the lead Commonwealth ICT conference. The event draws high-level participation from ICT ministries, regulators, manufacturers and operators from across the Commonwealth and beyond. This year's event focuses on key areas of ICT access and use, including infrastructure, connectivity, applications, value-added services, data and security.

Building a **sustainable ICT** infrastructure: **challenges** and **opportunities**

Evaluating the benefits of **e-Commerce** in **emerging** markets

Mobile technologies, applications and **VAS**

ICTs and **accessibility** for people with **disabilities**

Integrating ICTs into **education**

Cloud-based business process outsourcing

#CTOFORUM14

Promoting An Information-Rich Environment

In today's world, robust socio-economic environments thrive on effective and efficient communications infrastructure and services.

This is why we shall not relent in exploring modern and innovative ways to achieve regulatory solutions that promote information-rich environment.

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Be a part of our connected environment of endless opportunities. Your partnership counts!

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Nigerian Communications Commission

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www.ncc.gov.ng

WELCOMEADDRESSES

Professor Tim Unwin

Secretary-General
Commonwealth Telecommunications Organisation

Dear Forum Delegates,

I am delighted and honoured to welcome you to the Commonwealth Telecommunications Organisation's annual Forum 2014, kindly hosted by the Ministry of Posts, Telecommunications and Information Technology of Bangladesh and the Bangladesh Telecommunication Regulatory Commission. This is the first time for four years that our Forum is being held in Asia, and we are particularly grateful to them for providing this opportunity for our members and stakeholders to engage with colleagues across the region.

The theme of this year's event, **"ICT4D – From Access to Inclusive and Innovative Services"**, has been chosen to ensure that while the CTO continues to address the challenges of investment, infrastructure and access, we must equally make every effort to ensure that both basic and value-added services are available to all beyond the barriers of age, gender, or ability. We must ensure that ICTs are indeed used to enhance inclusiveness within Commonwealth societies. The programme emphasises the importance of this agenda, bringing together speakers who are well-placed to articulate challenges faced by different marginalised groups, as well as practitioners who have identified proven, practical and affordable solutions to these challenges. The programme also explicitly provides opportunities for networking and interaction to enable everyone attending to benefit from the opportunity for further discussions on the issues raised.

I wish you a very successful and enjoyable Commonwealth Telecommunications Organisation Forum 2014.

With regards,

Professor Tim Unwin
Secretary-General

Honourable Abdul Latif Siddique

Minister of Posts, Telecommunications and Information Technology, Bangladesh

The Ministry of Posts, Telecommunications and Information Technology is proud to be partnering with the Commonwealth Telecommunications Organisation (CTO) in hosting the Annual Forum 2014. I would like to take this opportunity to welcome you to Bangladesh.

As you know, this year's CTO Annual Forum will focus on *ICTs for development: from access to inclusive and innovative services*. In recent years, we have created an enabling environment and infrastructure for telecom and ICT. Following this, Bangladesh has reached the threshold of becoming a technology driven modern state and has now become the ninth largest telecom market in the world with around 116 million mobile phone subscribers and 39 million Internet users. Every day, around 4 million people get 200 types of e-services from 4526 Union Information and Service Centres. The coverage of e-commerce, e-payment, e-governance and mobile financial services has expanded substantially. Moreover, Bangladesh's successful initiative in using ICT in healthcare has been recognised on a global platform and has received the "South-South Award" in 2011. In 2014 the ITU awarded Bangladesh the "World Summit on Information Society Award" in recognition of the work the country has been doing in bringing government services to all citizens of Bangladesh through the use of ICTs. I am proud to say that the country has also launched the world's biggest web portal called "National Web Portal" comprising of over 25000 websites. These are just some of the projects that are putting on the ICT map, and help the country's vision to build "Digital Bangladesh".

With this in mind, I expect all speakers, sponsors, delegates and exhibitors to make the most of this unique opportunity to develop best practise protocol in developing ICT4D initiatives, and enhance your current strategies. We sincerely hope that you will be able to fully enjoy the hospitality of this culturally rich and diverse country.

I invite you to enjoy the rich heritage and warm hospitality of Bangladesh during your stay.

*Jai Bangla, Jai Bangabandhu (*May Bangladesh Live Forever).

Honourable Abdul Latif Siddique, MP
Minister of Posts, Telecommunications and Information Technology, Bangladesh

COMMONWEALTH
TELECOMMUNICATIONS
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WELCOME ADDRESSES

Sunil Kanti Bose

Chairman
*Bangladesh
Telecommunications Regulatory
Commission*

It is my immense pleasure to cordially welcome you to Bangladesh. We are delighted that you can join us at this year's Commonwealth Telecommunications Organisation Forum 2014 organised by the Commonwealth Telecommunications Organisation (CTO) and hosted by Ministry of Posts, Telecommunications and Information Technology and the Bangladesh Telecommunications Regulatory Commission.

I believe the theme for the 2014 Forum, **"ICT 4D – From Access to Inclusive and Innovative Services"**, is very timely and pertinent to Bangladesh and beyond. We are committed to introducing convenient and faster communication technologies for the people of Bangladesh; not only will these provide connectivity to people who previously were unconnected, but they will also drive social and economic development for the country. We have taken giant steps and have examined the scope of introducing a 4G/LTE service and have already allowed five mobile operators to conduct a fully-fledged 3G service. We are also working to develop and improve the telecom regulatory framework to accommodate and introduce new innovative services raising the country's profile in the ICT sector.

This is the first time the CTO is holding its annual Forum in Bangladesh. I am confident that you will be able to see the positive steps the country has taken in the field of telecommunications and ICTs and we sincerely hope you will have a chance to experience the warm hospitality this culturally rich and diverse country has to offer.

I wish you all a fruitful and pleasant stay in Dhaka.

Sunil Kanti Bose
Chairman
Bangladesh Telecommunications Regulatory Commission

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More information at: www.cto.int/events/upcoming-events/cto-forum-2014/

DAYONE 08SEPTEMBER2014

ACCESS, POLICY AND FINANCING

08.00 Registration and morning refreshments

OPENING CEREMONY
09.00 - 10.20

Chair: **Abigail Sono**, Industry Partners Representative, Commonwealth Telecommunications Organisation, and International Key Account Manager, Telkom South Africa

09.00 Welcome Remarks

Sunil Kanti Bose, Chairman, Bangladesh Telecommunication Regulatory Commission

09.10 Welcome Address

Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

09.20 Welcome Address

Juma Kandie, Chairman, Commonwealth Telecommunications Organisation, and Director of Human Resources, Communications Authority of Kenya

09.30 Welcome Remarks

Nazrul Islam Khan, Secretary, Information & Communication Technology Division, Government of the People's Republic of Bangladesh

09.35 Welcome Address

Dr Eugene Juwah, Executive Vice-Chairman and Chief Executive Officer, Nigerian Communications Commission

09.45 Welcome Remarks

Faizur Rahman Chowdhury, Secretary, Post and Telecommunications Division, Government of the People's Republic of Bangladesh

09.50 Ministerial Welcome

Honourable Zunaid Ahmed Palak MP, State Minister, Ministry of Post, Telecommunications & Information Technology, Bangladesh

10.00 Official Event Opening

Honourable Abdul Latif Siddique, Minister of Posts, Telecommunications and Information Technology, Bangladesh

10.20 GROUP PHOTOGRAPH & REFRESHMENTS

HIGH-LEVEL PANEL OF EMINENT PERSONS
10.50 - 11.25

Chair: **Professor Tim Unwin**, Secretary-General, Commonwealth Telecommunications Organisation

10.50 ICTs for Development: Setting the Scene

Honourable Hasanul Haq Inu, Information Minister, Bangladesh
Professor Patrick Makungu, Permanent Secretary, Ministry of Communication Science and Technology, Tanzania
Dr Atiur Rahman, Governor, Bangladesh Bank
Honourable Abdul Latif Siddique, Minister of Posts and Telecommunications, Ministry of Posts & Telecommunications, Bangladesh

GAINING ACCESS: ENHANCING ICT DEVELOPMENT AND CONNECTIVITY
11.25 - 12.50

Chair: **Sunil Kanti Bose,** Chairman, Bangladesh Telecommunication Regulatory Commission

11.25 Keynote Address: Implementing a National ICT Broadband Backbone

Cris Seecheran, Chief Executive Officer, Telecommunications Authority of Trinidad and Tobago

11.45 Presentation: ICT Benefits in a Networked Society

Emanuel Viklund, Vice President Marketing & Communications, Business Unit Support Solutions, Ericsson

12.05 Panel Discussion: The Role of Infrastructure Sharing

Dr Akram H. Chowdhury, Executive Vice-Chair, Bangladesh Internet Governance Forum
Daniel Onyango Obam, Communications Radio Technology Expert, National Communications Secretariat, Kenya
Rajkumar Prasad, Chief Executive Officer, Commonwealth Centre for e-Governance, India
Cris Seecheran, Chief Executive Officer, Telecommunications Authority of Trinidad and Tobago
Sameer Sinha, Chief Sales and Marketing Officer, Indus Towers Limited, India
Emanuel Viklund, Vice-President, Marketing & Communications, Business Unit Support Solutions, Ericsson

12.50 NETWORKING LUNCH HOSTED BY ROBI AXIATA LTD

POLICY AND REGULATION
13.50 - 15.35

Chair: **Major General Manzrul Alam**, (Retd), Managing Director, Rosetta Associates Limited, Bangladesh

13.50 Presentation: Implementing Effective ICT Regulation and Policies

Dr Eugene Juwah, Executive Vice-Chairman and Chief Executive Officer, Nigerian Communications Commission

14.10 Presentation: Implementation of Effective e-Government Applications: Challenges of the Legal and Regulatory Framework

Mohammad Azad Rahman, Operations Officer, Trade and Competitiveness Global Practice, The World Bank Group

14.30 Presentation: Economic Transformation Through Facilitative Regulation: Kenya's Perspective

Francis Wangusi, Director General, Communications Authority of Kenya

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More information at: www.cto.int/events/upcoming-events/cto-forum-2014/

DAYONE 08SEPTEMBER2014

ACCESS, POLICY AND FINANCING

14.50 Panel Discussion: Assessing the Need for Regular and Effective Coordination among ICT Regulators and Industry

Hans Henrichsen, Chief Representative Officer, Telenor, Bangladesh
Dr Eugene Juwah, Executive Vice-Chairman and Chief Executive Officer, Nigerian Communications Commission
T. I. M. Nurul Kabir, Secretary General, Association of Mobile Telecom Operators of Bangladesh
Deepali Liberhan, India & South Asia Public Policy Manager, Facebook
Frédéric Maduraud, Acting Head of Delegation, European Union Delegation to Bangladesh
Deepak Maheshwari, Head, Government Affairs, India Region, Symantec Corporation
Mohammad Azad Rahman, Operations Officer, International Finance Corporation, World Bank Group
Taimur Rahman, Government Relations and Regulatory Affairs Senior Director, Banglalink Digital Communications Ltd
Shola Taylor, ICT Advisor, Ministry of Communications Technology, Nigeria
Francis Wangusi, Director General, Communications Authority of Kenya

15.35 AFTERNOON REFRESHMENTS

FINANCING INFRASTRUCTURE
16.05 - 17.30

Chair: **Abu Saeed Khan**, Senior Policy Fellow, LIRNEasia, Bangladesh

16.05 Presentation: Making ICTs Affordable in Rural Areas

Tenzin Dolma Norbhu, Lead ICT Policy Specialist and Regional Coordinator for Asia, The World Bank

16.25 Presentation: Financing ICT Infrastructure

Robert Cronin, Vice-President, IREX, USA

16.45 Panel Discussion: The Challenges in using Universal Service Funds to Enable Broadband

Colonel Iqbal Ahmed, Director General Engineering and Operations Division, Bangladesh Telecommunication Regulatory Commission
Wisit Atipayakoon, Programme Officer, International Telecommunication Union (ITU), Asia Pacific
Honourable Kofi Attor, Chief Executive Officer, Ghana Investment Fund for Electronic Communication
Kojo Boakye, Policy and Advocacy Manager, Alliance for Affordable Internet
Robert Cronin, Vice-President, IREX, USA
Nazrul Islam Khan, Secretary, Information & Communication Technology Division, Government of the People's Republic of Bangladesh
Tenzin Dolma Norbhu, Lead ICT Policy Specialist and Regional Coordinator for Asia, The World Bank

17.30 CLOSE OF CTO FORUM DAY ONE

19.00 FORUM RECEPTION HOSTED BY BTRC

20.00 GALA DINNER HOSTED BY BANGLADESH TELECOMMUNICATION REGULATORY AUTHORITY

Venue: Radisson Blu Water Garden hotel, Dhaka

DAYTWO 09SEPTEMBER2014

MOBILES, COMMERCE AND DATA

LOOKING TO THE FUTURE: MOBILE TECHNOLOGIES
09.00 - 10.30

Chair: **Dr Bilel Jamoussi**, Special Advisor, Tunisian Minister of Higher Education, Scientific Research, and ICTs

09.00 Presentation: Practical Experiences: 2G to 3G Migration Strategy for Improved Network Utilisation

Harish Bhatt, Mobile Broadband Network Consultant, Huawei Technologies Bangladesh Ltd

09.20 Presentation: Is WiMAX/Wi-Fi the Answer to Underserved Areas?

Gazi Muhammad Salahuddin, Chief Executive Officer, Platinum Communications Limited, Bangladesh

09.40 Panel discussion: Should Emerging Markets Adopt 4G LTE or Is it Too Soon?

Gias Uddin Ahmed, Managing Director, Teletalk Bangladesh Limited
Harish Bhatt, Mobile Broadband Network Consultant, Huawei Technologies Bangladesh Ltd
Sandipan Chakraborty, Chief Technology Officer, Airtel Bangladesh
Munir Hasan, Director, Strategy & Planning, Corporate Affairs Division, Grameenphone Limited, Bangladesh
Somnath Mahalanabis, Executive Vice-President, Head of Planning Technology, Robi Axiata Ltd, Bangladesh
Gazi Muhammad Salahuddin, Chief Executive Officer, Platinum Communications Limited, Bangladesh

10.30 MORNING REFRESHMENTS

CTO COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

More information at: www.cto.int/events/upcoming-events/cto-forum-2014/

DAY**TWO** 09**SEPTEMBER**2014

MOBILES, COMMERCE AND DATA

THE MOBILE COMMERCE REVOLUTION
11.00 - 12.45

Chair: **Nazneen Sultana**, Deputy Governor, Bangladesh Bank

11.00 Presentation: Capitalising on the Mobile-Commerce Revolution

Kamaljeet Rastogi, Global Head, Business Development, Mobile Financial Solutions, Mahindra Comviva, India

11.20 Presentation: Effectively Integrating Mobile Technology to Boost Profitability

Sonia Bashir Kabir, Country Manager, Microsoft, Bangladesh

11.40 Presentation: Latest Mobile Commerce Innovations

Daniel Onyango Obam, Communications Radio Technology Expert, National Communications Secretariat, Kenya

12.00 Panel Discussion: Overcoming Barriers to the Successful Adoption of Mobile Commerce

Shameem Ahsan, Chief Executive Officer Akhoni.com, President, Bangladesh Association of Software & Information Services
Josephine Amuwa, Director, Policy, Competition and Economic Analysis, Nigerian Communications Commission
Sonia Bashir Kabir, Country Manager, Microsoft, Bangladesh
Daniel Onyango Obam, Communications Radio Technology Expert, National Communications Secretariat, Kenya
Rajesh Palit, Chief Technology Officer, Ethics Advance Technology Limited, Bangladesh
Kamal Quadir, Chief Executive Officer, Bkash, Bangladesh

12.45 NETWORKING LUNCH HOSTED BY BANGLALINK DIGITAL COMMUNICATIONS LIMITED

CLOUD COMPUTING FOR DEVELOPMENT
14.00 - 15.25

Chair: **Vimalen Reddi**, Chairman, Information and Communication Technologies Authority, Mauritius

14.00 Presentation: United Nations Development Programme's Journey to the Cloud

Shirin Hamid, Chief Technology Officer, UNDP

14.20 Presentation: Next Generation Application of BPO: Changing the Game with Data Analytics

Ahmadul Hoq, President, Bangladesh Association of Call Center & Outsourcing

14.40 Panel Discussion: Cloud Computing: Opportunities and Issues for Developing Countries

Anir Chowdhury, Policy Advisor, Access to Information Project, Prime Minister's Office, Bangladesh
Chandan Ghosh, Co-founder & Chief Strategy Officer, ProdCoMS, India
Shirin Hamid, Chief Technology Officer Director, UNDP
Ahmadul Hoq, President, Bangladesh Association of Call Center & Outsourcing
Dr Mahfuzul Islam, Head of Department Computer Science and Engineering, Bangladesh University of Engineering and Technology

15.25 AFTERNOON REFRESHMENTS

EMBRACING BIG DATA
15.55 - 17.10

Chair: **Shola Taylor**, ICT Advisor, Ministry of Communications Technology, Nigeria

15.55 Presentation: The Big Data Opportunity: Commercialising Your Data

Fayaz Taher, Co-founder, Startup Dhaka, Bangladesh

16.15 Presentation: Creating Value from Big Data Analytics

Reyad Hasnain, Country Manager, Bangladesh, Mahindra Comviva, India

16.25 Big Data in a Networked Society - Ericsson Workshop

Bunyati Kirdniyom, Head of Regulatory Affairs, Region Southeast Asia and Oceania, Ericsson

17.10 CLOSE OF CTO FORUM DAY TWO

19.00 DINNER FOLLOWED BY CULTURAL PROGRAMME HOSTED BY GRAMEENPHONE

Venue: **Bashundhara Convention Center**, Plot# 56/A, Block#C, Umme kulsum Road, Bashundhara R/A, Dhaka-1229. **Dress code:** Gentlemen: Closed collar lounge suit or traditional national dress; Ladies: Appropriate evening or traditional national dress. **Transfers:** Transport will be provided to and from the venue.

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DAY THREE 10 SEPTEMBER 2014
TECHNOLOGY AND SOCIAL INCLUSION

EMPOWERING WOMEN THROUGH ICTs
09.00 - 10.05

Chair: **Dr Marianne Treschow**, Former Director-General, Swedish Post and Telecom Authority, Commonwealth Telecommunications, Organisation Ambassador for Scandinavia

09.00 Presentation: Looking at How ICTs Play a Crucial Role in Empowering Women

Shazia Omar, Head of Advocacy and Communications, The Economic Empowerment of the Poorest Programme, SHIREE, Bangladesh

09.20 Panel Discussion: Can ICTs Be Used to Reduce Gender Inequalities?

Blerta Cela, Assistant Country Director/Head of Results, Resource and Partnerships, United Nations Development Programme
Shazia Omar, Head of Advocacy and Communications, The Economic Empowerment of the Poorest Programme, SHIREE, Bangladesh
Shamina Shafiq, Member, National Commission for Women, India
Luna Shamsuddoha, President, Bangladesh Women in Technology, Bangladesh

ICT AND ACCESSIBILITY FOR PEOPLE WITH DISABILITIES
10.05 - 11.10

Chair: **Ingrid Seerattan**, Permanent Secretary, Ministry of Science and Technology, Government of the Republic of Trinidad and Tobago

10.05 Presentation: ICT Tools and Applications for People with Disabilities

Vashkar Bhattacharjee, Program Manager, Young Power in Social Action, Bangladesh

10.25 Panel Discussion: Opportunities, Issues and Challenges: Creating an ICT Ecosystem that Supports People with Disabilities

Jörgen Ahlström, Expert Adviser, Swedish Post and Telecom Agency
Khandaker Jahurul Alam, Executive Director, Centre for Services and Information on Disability, Bangladesh
Vashkar Bhattacharjee, Program Manager, Young Power in Social Action, Bangladesh
Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

11.10 MORNING REFRESHMENTS

INTEGRATING ICTs INTO EDUCATION
11.40 - 13.05

Chair: **Dr Ananya Raihan**, Executive Director, DNET, People's Republic of Bangladesh

11.40 Presentation: English in Action - Innovation Using Mobile for Classroom and Adult Learning in Bangladesh

Richard Lace, Head of Project English in Action, BBC Media Action, United Kingdom

12.00 Presentation: The Role of Skills in Unlocking the Opportunity of the Mobile Internet

Mark Surman, Executive Director, Mozilla Foundation

12.20 Panel Discussion: Developing Skills in ICT and Digital Technologies

Mohammad Shahid Uddin Akbar, Chief Executive Officer, Bangladesh Institute of ICT in Development
Dr Syed Akhter Hossain, Head of Computer Science and Engineering, Department of Computer Science and Engineering, Daffodil International University, Bangladesh
Syed Almas Kabir, Vice President, ISP Association of Bangladesh
Richard Lace, Head of Project English in Action, BBC Media Action, United Kingdom
Bazlur Rahman, Chief Executive Officer, Bangladesh NGOs Network for Radio and Communication
Chetan Sharma, Founder, Datamation Foundation Trust and Datamation Group, India

PROTECTING THE YOUNG AND THE VULNERABLE
13.05 - 13.25

13.05 Presentation: Helplines for Children and Young People – What Regulators and Operators Can Do to Fight Child Abuse

Thomas Müller, Head of Policy & Research, Child Helpline International
Mofya Chisala, Director of Corporate Affairs, Zambia Information and Communication Technology Authority

CLOSING CEREMONY
13.25 - 13.55

Chair: **Abigail Sono**, Industry Partners Representative, Commonwealth Telecommunications Organisation, and International Key Account Manager, Telkom South Africa

13.25 Closing Remarks of Bangladesh Telecommunication Regulatory Commission

Sunil Kanti Bose, Chairman, Bangladesh Telecommunication Regulatory Commission

13.35 Closing Remarks of the Commonwealth Telecommunications Organisation

Professor Tim Unwin, Secretary-General, Commonwealth Telecommunications Organisation

13.45 Official Closing of the Commonwealth Telecommunications Organisation Forum 2014

Honourable Zunaid Ahmed Palak MP, State Minister, Ministry of Post, Telecommunications & Information Technology, Bangladesh

13.55 NETWORKING LUNCH HOSTED BY AIRTEL BANGLADESH LIMITED

19.00 DINNER HOSTED BY CITYCELL BANGLADESH LIMITED

Venue: Army Golf Club. **Dress code:** Gentlemen: Closed collar lounge suit or traditional national dress; Ladies: Appropriate evening or traditional national dress. **Transfers:** Transport will be provided to and from the venue.

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ERICSSON

LIFE IN THE NETWORKED SOCIETY

In the Networked Society, connectivity will be the starting point for new ways of innovating, collaborating and socializing. It's about creating freedom, empowerment and opportunity to transform industries and society while helping find solutions to some of the greatest challenges facing our planet.

Learn about how Ericsson is creating the Networked Society on
http://www.ericsson.com/thinkingahead/networked_society

Ericsson Bangladesh
Grand Delvistaa (Level 3), Plot 1A, Road 113
Gulshan-2, Dhaka, Bangladesh
Phone: +880 2 882 3864, +880 2 988 6641
Fax: +880 2 988 6642
http://www.ericsson.com/bd

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HOSTSPROFILES

The **Information & Communication Technology Division, Government of Bangladesh** is promoting Information & Communication Technology as stewardship of positive change in society and for balanced socio-economic upliftment and national well-being and thus to make Information & Communication Technology a part of national culture. The use of Information & Communication Technology as a means of sustainable use of Environment, Ecosystem and Resources, and to contribute to world pool of knowledge in Information & Communication Technology. In 2002, the name of the ministry was changed from 'Science and Technology' to 'Ministry of Science and Information & Communication Technology'. To give more thrust for ICT sector the Division has upgraded as Ministry of Information & Communication Technology on 04/12/2011.

Bangladesh Telecommunication Regulatory Commission an independent Regulatory Commission established under the Bangladesh Telecommunication Act, 2001, (Act no 18 of 2001) published by the parliament in the Bangladesh Gazette extraordinary in new on April 16, 2001. BTRC started its journey from 31st January 2002 to conduct the activities of the said act. With a initiation of its activates, necessary authority, responsibilities and related concern of the ministry of posts and Telecommunications were vested on to BTRC. As a statutory organization, the Commission has to maintain its official seal and continuity as provided in Bangladesh Telecommunication Act 2001, Clause 6(9). The law vests the Commission with such responsibilities as procuring and keeping under possession of movable and immovable properties, transferring authority, right to execute agreements and accomplishing other activities within the purview of the telecom law.

The **Commonwealth Telecommunications Organisation** is an international organisation based in London and established through a Headquarters Agreement with the Government of the United Kingdom of Great Britain and Northern Ireland. It is the oldest and largest Commonwealth organisation engaged in multilateral collaboration in the field of information and communication technologies (ICTs), and uses its experience and expertise to support its members in integrating ICTs to deliver effective development interventions that enrich, equalise, empower, and emancipate people within the Commonwealth and beyond.

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SPONSORPROFILES

The **Nigerian Communications Commission** is the independent national regulatory authority for the telecommunications industry in Nigeria. The Commission is responsible for creating an enabling environment for competition among operators in the industry as well as ensuring the provision of qualitative and efficient telecommunications services throughout the country. Over the years NCC has earned a reputation as a foremost Telecom regulatory agency in Africa. The Commission is hoping to catalyze the use of ICTs for different aspect of national development. The Commission has initiated several programs to help stimulate demand and accelerate the uptake of ICT tools and services necessary for the enthronement of a knowledge society in Nigeria. The Commission is also at the forefront of implementing the Federal Government of Nigeria's Broadband Plan which envisions Nigeria as a society of connected communities with high-speed Internet and broadband access that facilitate faster the socioeconomic advancement of the nation and its people. The Commission will license infrastructure companies, otherwise known as infracos, to hasten the deployment of metropolitan optic fibre infrastructure and associated transmission equipment in Nigeria on an open access, non-discriminatory, and price-regulated basis that will bridge the current broadband gap, facilitate the development of local content and deliver cost-effective services to households and businesses. In order to achieve its mandate, the Commission has put in place the necessary licensing and regulatory framework for the supply of telecommunications services.

Ericsson has helped shape the Bangladesh telecommunications landscape since 1997, when the company set up its operations in Dhaka. LM Ericsson Bangladesh Ltd. is a local subsidiary of Ericsson Telefonaktiebolaget LM Ericsson. Ericsson is the driving force behind the Networked Society - a world leader in communications technology and services. Our long-term relationships with every major telecom operator in the world allow people, businesses and societies to fulfill their potential and create a more sustainable future.
Our services, software and infrastructure - especially in mobility, broadband and the cloud - are enabling the telecom industry and other sectors to do better business, increase efficiency, improve the user experience and capture new opportunities. In Bangladesh, Ericsson's major customers include Airtel, Banglalink, Grameenphone and Robi. We are the market leader in Charging Systems and Managed Services and have strategic partnerships and presence in the 2G and 3G Infrastructure business. Ericsson views Bangladesh as an extremely important country, being one of the highest growth markets for mobile communication with a young population and consistent GDP growth. Globally, Ericsson has more than 110,000 professionals and customers in 180 countries. We combine global scale with technology and services leadership and support networks that connect more than 2.5 billion subscribers. Forty percent of the world's mobile traffic is carried over Ericsson networks. And our investments in research and development ensure that our solutions - and our customers - stay in front. Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2013 were SEK 227.4 billion (USD 34.9 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.

Huawei is a leading telecom solutions provider. Through continuous customer-centric innovation, Huawei have established end-to-end advantages in Telecom Network Infrastructure, Application & Software, Professional Services and Devices. With comprehensive strengths in wireline, wireless and IP technologies, Huawei has gained a leading position in the All-IP convergence age. Our products and solutions have been deployed in over 100 countries and have served 45 of the world's top 50 telecom operators, as well as one third of the world's population.

SPONSORPROFILES

Mahindra Comviva is the global leader in providing mobility solutions. It is a subsidiary of Tech Mahindra and a part of the USD 16.5 billion Mahindra Group. With an extensive portfolio spanning mobile finance, content, infotainment, messaging and mobile data solutions, Mahindra Comviva enables service providers to enhance customer experience, rationalize costs and accelerate revenue growth. Its mobility solutions are deployed by over 130 mobile service providers and financial institutions in over 90 countries, transforming the lives of over a billion people across the world.

Founded in 2004, **Facebook**'s mission is to give people the power to share and make the world more open and connected. People use Facebook to stay connected with friends and family, to discover what's going on in the world, and to share and express what matters to them.

IREX is an international non-profit organisation providing leadership and innovation to improve the quality of education, strengthen media, and foster pluralistic civil society. We enable local individuals and institutions to build the key components of an open and thriving society. Through its centre for Collaborative Technology, IREX provides thought leadership to the application of technology to development priorities; collaborating with governments worldwide to design cost-effective and responsive ICT strategies. Founded in 1968, IREX has an annual portfolio of over $70 million and a staff of over 400 professionals worldwide. IREX employs field-tested methods and innovative uses of technologies to develop practical and locally-driven solutions with our partners in more than 125 countries.

BASE Technologies is envisioned to be a leader in the IT and professional services industry. Our goal is to ensure the efficient implementation of IT in business operations, focusing on core competencies and achieving business optimizations such as increased agility, innovation and top-line growth, resulting in overall increased profitability.

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OPERATORS

Citycell (Pacific Bangladesh Telecom Limited) is operating in Bangladesh as one of the leading telecommunication companies from 1989. It provides innovative, reliable and excellent telecommunication and mobile internet services. Its goal is to integrate superior customer service and highest standards of technology to offer the best service at affordable rates.

Robi Axiata Limited is a joint venture company between Axiata Group Berhad of Malaysia and NTT DoCoMo Inc. of Japan. Robi is developing its services to meet increasing customer needs such as voice, high speed internet services and value added telecommunications solutions. The company's International Roaming coverage connects 384 operators across more than 145 countries. Robi's customer centric solutions include value added services (VAS), quality customer care, digital network security and flexible tariffs.

With a customer base of more than 8.35 million, **Airtel Bangladesh Limited** is one of the fastest growing mobile services providers in Bangladesh and most preferred youth brand of the country and is a concern of Bharti Airtel Limited. The company offers a wide array of innovative mobile services, including voice, value added services, data and m-commerce products and is focused on expanding its state-of-the-art mobile network both for coverage and capacity.
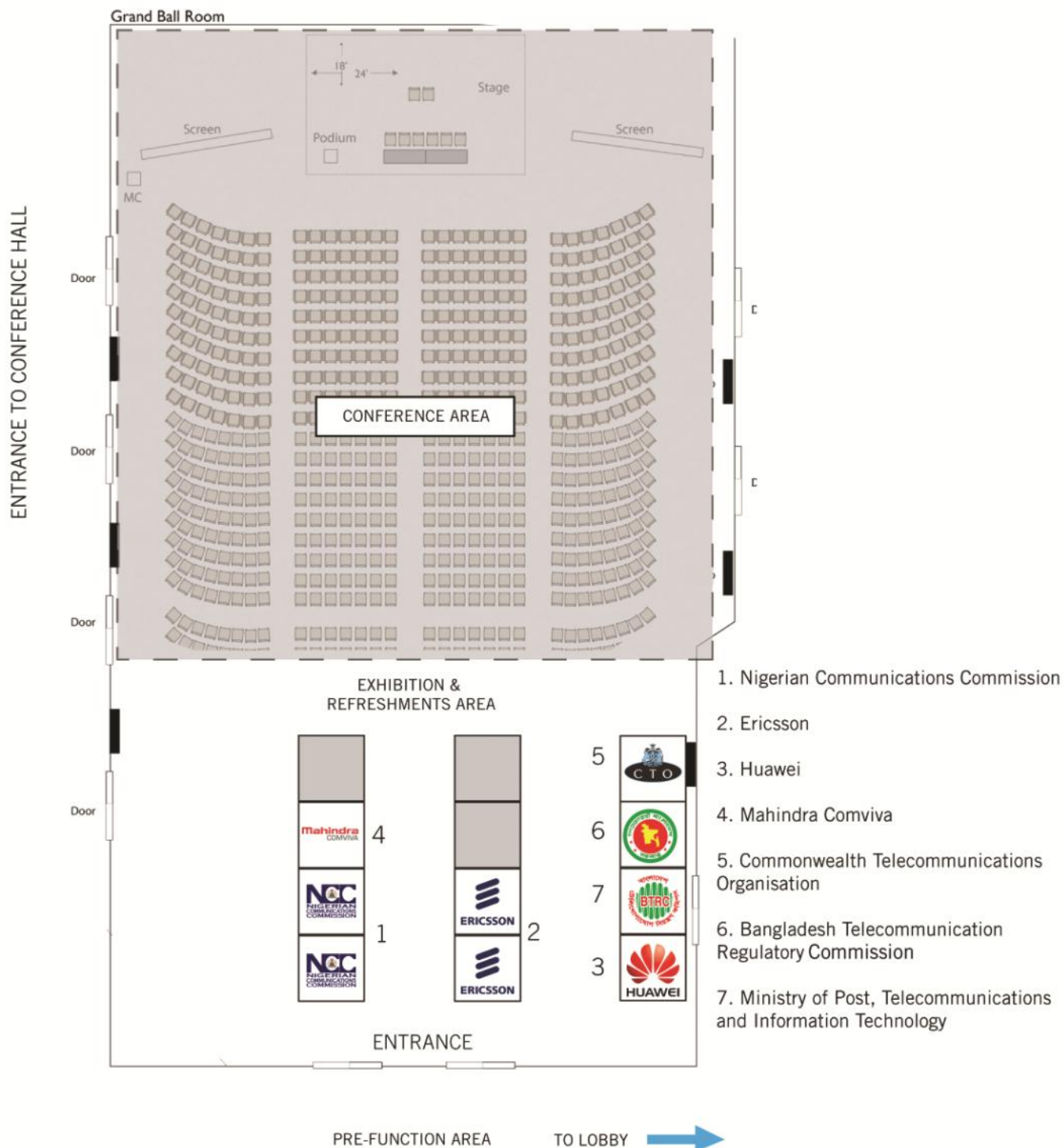
Banglalink Digital Communications Ltd. is the 2nd largest mobile operator in Bangladesh with around 30 million subscribers and is a subsidiary of Vimpelcom Limited, the 6th largest telecom Group in the world. Banglalink started its operations in 2005, after having acquired operations from Sheba Telecom. With the aggressive Brand persona of the Royal Bengal Tiger, affordable value propositions, coupled with quick rollout of nationwide network coverage and a world class distribution system, Banglalink carved a place in the hearts of millions and has become a dominant player in the Bangladesh mobile market.

Starting its operations on March 26, 1997, the Independence Day of Bangladesh, **Grameenphone** was the first operator to introduce GSM Technology in this country. Grameenphone pioneered the then breakthrough initiative of mobile to mobile telephony and became the first operator to cover 99% of the country's people with network Since its inception Grameenphone has built the largest cellular network in the country with over 8500 base stations. Presently, nearly 99 percent of the country's population is within the coverage area of the Grameenphone network. Grameenphone has always been a pioneer in introducing new products and services in the local telecom market.

COMMONWEALTH TELECOMMUNICATIONS ORGANISATION

FLOORPLAN

Grand Ball Room

18' 24'

Stage

Screen

Podium

Screen

MC

ENTRANCE TO CONFERENCE HALL

Door

Door

Door

CONFERENCE AREA

EXHIBITION &
REFRESHMENTS AREA

Door

Mahindra COMVIVA 4

NCC NIGERIAN COMMUNICATIONS COMMISSION 1

NCC NIGERIAN COMMUNICATIONS COMMISSION

ERICSSON 2

ERICSSON

5 CTO

6

7 BTRC

3 HUAWEI

1. Nigerian Communications Commission

2. Ericsson

3. Huawei

4. Mahindra Comviva

5. Commonwealth Telecommunications
Organisation

6. Bangladesh Telecommunication
Regulatory Commission

7. Ministry of Post, Telecommunications
and Information Technology

ENTRANCE

PRE-FUNCTION AREA   TO LOBBY

CTO COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION

Capacity Development and Training	Date	Duration	Location
End 2 end QoS Planning for FTTH/B Services	08 - 12 Sept 2014	5	Port Louis, Mauritius
Diploma In Telecommunications Management Studies	22 Sept - 31 Oct 2014	39	Yaoundé, Cameroon
Telecommunications Regulations for Board Members	06 - 10 Oct 2014	5	London, UK
Marketing and Pricing of Next Generation Networks	06 - 10 Oct 2014	5	Port Louis, Mauritius
Broadband Technologies and Multimedia Services	20 - 24 Oct 2014	5	Port Of Spain, Trinidad and Tobago
Customer Care	26 - 30 Jan 2015	5	Port Of Spain, Trinidad and Tobago
Introduction to Fibre Optic Systems	02 - 05 Feb 2015	4	Kingston, Jamaica

International Events and Conferences	Date	Days	Location	Host
HR4ICT	03 - 06 Nov 2014	4	Mumbai, India	Eagle Photonics Pvt Ltd
Commonwealth Broadband Africa Forum 2014	18 - 20 Nov 2014	3	Nairobi, Kenya	Communications Authority of Kenya