



# Common Responses to a Global Challenge

17 & 18 June 2010  
BIS Conference Centre, London

Hosted by



**BIS** | Department for Business  
Innovation & Skills

Organised by



COMMONWEALTH  
TELECOMMUNICATIONS  
ORGANISATION



## Key Topics

- The State under threat
- Individuals and children under threat
- CERT: Successes, Challenges and Way Forward
- Appropriate legal frameworks for Cyber security
- Cyber security through international cooperation
- Organisational structures for effective Cyber security
- Technical responses to Cyber security

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## Background

In 2007 the Critical Information Infrastructure of Estonia came under a series of coordinated cyber attacks which changed the perception of Cyber security from being a personal issue to an issue of National importance. It alerted the world to the all real possibility of individuals sitting at computers bringing whole countries to a standstill with a few keystrokes.

Importantly, given the borderless nature of the Cyberspace, individual country based security regimes do not offer protection to the scale that is required to meet the ever growing cyber threats.

The traditional developed-developing world divide becomes irrelevant in the cyberspace and the actions or inactions of one country could impact innumerable other countries with consequences too hard even to contemplate.

In this context it is imperative to develop Global standards, frameworks and common responses to cyber threats. It is even more critical to equip developing countries with the necessary knowledge and tools to respond to cyber threats in a timely manner, and effectively.

The Global community must not forget the individual, especially the vulnerable segments such as children and women, in their efforts to make the cyber world safe. Special efforts need to be taken to ensure that the individual can exercise the same rights in the cyber world as in society.

In order to meet these challenges, there is an urgent need to:

- raise awareness of the challenges of Cyber security
- build capacity to formulate strategies to prevent and respond to Cyber Threats
- facilitate the building of partnerships and alliances aimed at strengthening Cyber security frameworks

## The CTO's Role

The Commonwealth Telecommunications Organisation (CTO), the premier ICT agency of the Commonwealth, has been privy to the growing needs of developing countries to meet the challenges of Cyber Threats.

In line with its mandate to promote information and communication technologies (ICT) in the socio-economic development of developing countries in the Commonwealth, the CTO is organising the Cyber Security Forum 2010 in London from the 17 & 18 June 2010.

The conference will draw on the strengths of the developed world to build the capacity of countries in Africa and Asia and to improve their Cyber security frame-works through implementing available technical measures, establishing appropriate organisational structures, creating robust legal/regulatory frameworks and enabling international cooperation.

### Aims and objectives

- Create awareness of the many facets of Cyber Threats and to alert stakeholders of the need to adopt robust Cyber security frameworks
- Build capacity of the key decision makers in developing countries to implement strategies aimed at preventing and responding to Cyber Threats in a timely manner
- Provide the key decision makers with the means to adopt resilient technical measures, establish appropriate organisational structures and create robust legal/regulatory frameworks to deal with Cyber Threats
- Promote international cooperation in Cyber security to help developing countries to leverage the strengths of developed countries
- Broker partnerships between the different players in Cyber security to facilitate the flow of information, expertise and resources

# 5

## Key reasons

why *you should* attend the Cyber Security Forum

### i

**Meet key players** in Cyber security from across Africa, Asia, Europe and the Americas including:

- Ministers of Information, Communications, Technology and Justice
- ICT regulators
- Key public officials in charge of CERTs, Cyber security, law enforcement, innovation, technology procurement and e-Governance
- State Law Officers and Attorney Generals
- Civil society representatives
- Multilateral ICT organisations
- Telecommunications service providers and internet service providers
- Internet based businesses and consultants

### ii

**Hear international experts**, industry leaders and techno gurus discuss critical issues in Cyber security, roles of stakeholders and frameworks of international cooperation.

### iii

**Benefit** from shared experiences and in-depth analysis of challenges and resolutions.

### iv

**Form partnerships** aimed at making the cyberspace safe and secure.

### v

**Discover** the current and potential opportunities to provide Cyber security services, technologies and expertise in Africa and Asia

## Who should attend

The conference is expected to draw delegates from across the world, including over thirty CTO member countries in Africa and Asia, within the public and private sectors and civil society.

### Target groups in the Public Sector

- Ministries in charge of Telecoms/ICTs, justice, law enforcement, commerce, finance
- Regulatory agencies in ICTs
- Domain name registration agencies, CERTs
- Attorney General's Departments/State Law Officers
- Law enforcement authorities
- Other public sector institutions mandated in relevant fields such as child protection, women, commerce, intellectual property rights, etc.

### Target groups in the Private Sector

- Telecommunications operating companies including fixed line operators and mobile operators
- Technology providers, hardware and software vendors and equipment vendors
- ISPs & ASPs
- Companies using internet as a delivery channel
- Law firms
- Content providers

### Target groups in the civil society

NGOs working in relevant fields such as child protection, women, freedom of information, intellectual property rights, etc.

## Speakers

In order to assure that the aims and objectives of the conference are fully met, the speaker faculty incorporates a mix of global thought leaders, representatives of solution providers, consultants and representatives of developing countries. This will generate knowledge while alerting the attendees to the requirements in global cooperation.

### Confirmed speakers

- Chairperson, Zambia Information & Communication Technology Authority
- Director General, Office of Utilities Regulation of Jamaica
- General Manager, ZA Domain Name Authority of South Africa
- Deputy National Security Coordinator, Office Of National Security
- Communications Commission of Kenya
- Telecommunications Regulatory Board of Cameroon
- National Communications Commission of Sierra Leone
- Economic and Financial Crimes Commission of Nigeria
- Lesotho Communications Commission
- National Communications Authority of Ghana
- Angela McKay, Senior Security Strategist, Microsoft
- Ron Williams, IBM
- Dr. Martin Koyabe, BT
- Paul Hoare, Head of Operations, Serious Organised Crime Agency, UK
- Nader Henein, Security Advisor, Research In Motion UK Ltd.

## Benefits to sponsors

- Opportunity to guide the development of the programme of the event to highlight themes of importance to the sponsor
- Opportunity to speak at the event and advocate positions
- Opportunity to network with and build relationships with key stakeholders from both the public sector and private sector who will require skills, competencies and technology when setting up Cyber security frameworks
- Opportunity to engage closely with the CTO, an organisation that represents over forty countries that require assistance in the field of Cyber security

## The venue **BIS Conference Centre**

1 Victoria Street, London, SW1H 0ET.

**Tel:** +44 (0) 20 7215 6789

**Website:** [www.1victoriastreet.co.uk](http://www.1victoriastreet.co.uk)



Image source: [www.1victoriastreet.co.uk](http://www.1victoriastreet.co.uk)

The 1 VS Conference centre is located in central London, and within reach of city's sightseeing spots, including the Houses of Parliament, Westminster Abbey and The Jewel Tower. Located just a few minutes away from the underground, the venue has the capacity to accommodate between 10 and 250 delegates within their 20 conference rooms, which provides the latest in technology audio-visual equipment.

Their in-house catering services provides high quality treats and services, which is well suited to the palates of visitors coming from regions around the world. As a conference center that caters to the needs of all businesses and due to its affiliation with the Government, the venue is ideal for a Cyber security conference that will have attendees from public and private sectors across the globe.

### Speaking opportunities

Join our prestigious speaker panels, featuring international experts and stakeholders, to share your valued experiences. Book your speaker slots now.

### Sponsorship

Contact the CTO for a customised sponsorship package for you to achieve your ongoing business development objectives.

### Exhibition

With so many decision makers and industry leaders in one place you can showcase your products and services to your future clients and win new contracts.

MAIN CONFERENCE: DAY 1 THURSDAY,  
17 JUNE 2010

08.30 **Registration**

09.00 **Opening**

**Dr. Ekwow Spio-Garbrah**  
Chief Executive Officer, CTO

**Hon. Ms. Mmasekgoa Masire-Mwamba**  
Deputy Secretary General, Commonwealth  
Secretariat

**SESSION 1**

09.30 **The State under threat**

**Chair: Dr. Steve Marsh**  
Deputy Director, Office of Cyber Security

**Denial of Service (DoS) Attacks; Current and  
emerging threats in the Cyber World**

**Mr. John Crain**  
Senior Director, Security Stability Resiliency  
Programme, ICANN

**CIIP: Threats & Challenges for Developing  
Countries**

**Dr. Martin Koyabe**  
BT

**Decrypting Web Proxies - Corporate Compliance  
or Surveillance State**

**Mr. Ron Williams**  
IBM

**The EESC views on Critical Information  
Infrastructure Protection**

**Mr. Thomas McDonogh**  
European Economic and Social Committee

**Practical Measures of protecting Critical  
Information Infrastructure**

**Rt. Hon. Alun Michael**  
MP, UK

11.00 **Coffee**

**Critical Information Infrastructure Protection:  
Lessons from the UK**

**Mr. Mark Oram**  
Centre for Protection of National Infrastructure

**Protecting investors and industry - How Mauritius  
handles Cybersecurity**

**Mr. Trilock Dwaraka**  
Chairman, ICT Authority, Mauritius & National  
Cybercrime Prevention Committee

**How is Mobile Security Different, attacks, risks  
and mitigations in a brave new world**

**Mr. Nader Henein**  
Security Advisor, Research In Motion UK Ltd.

**Panel Discussion**

12.30 **Lunch**

14.00 **Key Note Address**

**Rt. Hon. Baroness Pauline Neville-Jones**  
Minister of State for Security and Counter-  
Terrorism, UK

**SESSION 2**

14.30 **Individuals/children under threat**

**Session Chair: Mr Richard Simpson**  
Canada

**Protecting and empowering children online**

**Mr. Will Gardner**  
Chief Executive Officer, Childnet, UK

**Protecting the Individual while assuring Freedom  
of the Net**

**Mr. Paul Hoare**  
Head of Operations, Serious Organised Crime  
Agency, UK

### The EESC views on protecting children on the net

**Mr. Tomasz Czajkowski**  
The European Economic and Social Committee

### ITU's Child Online Protection Initiative

**Ms. Cristina Buetti**  
ITU

### Panel Discussion

15.30 **Coffee**

## SESSION 3

16.00 **CERT: Successes, challenges and way forward**

**Chair: Mr. John Harrison**  
WARP

### Lessons from the past and the outlook for the future

**Mr. John Crain**  
Senior Director, Security Stability Resiliency programme, ICANN

### Lessons from Europe

**Mr. Steve Purser**  
European Network and Information Security Agency

### Aims and Expectations of Gibraltar

**Mr. Joseph Torres**  
Radiocommunications & IT Manager, Gibraltar Regulatory Authority

### Country Experience of Kenya

**Mr. Michael Katundu**  
Manager, CERT, Kenya

## MAIN CONFERENCE: DAY 2 FRIDAY 18 JUNE 2010

## SESSION 4

0900 **Appropriate legal frameworks for Cyber security**

**Session chair: Mr. Stewart Room**  
Field Fisher Waterhouse

### Child Pornography on the Internet, Current Legal Frameworks and Developing a Commonwealth

**Response: Mr. John Carr**  
Secretary, UK Children's Charities' Coalition on Internet Safety

### EU framework and its relevance to the rest of the World

**Mr. Andrea Glorioso**  
European Commission

### Legislative changes to create security for Cameroon's e-Business

**Ms. Patricia Asognwe**  
University of Younde, Cameroon

### Sri Lankan Cyber Crimes Legislation - a Developing Country perspective

**Mr. Jayantha Fernando**  
Director/ Legal Advisor, ICTA, Sri Lanka, Vice Chairman ICANN - Government Advisory Committee

10.30 **Coffee**

## SESSION 5

1100 **Cybersecurity through international cooperation**

**Session chair: Mr. Geoff Smith**  
BIS

### Global Cybersecurity Agenda: Next Steps

**Ms. Cristina Buetti**  
ITU

## International & Regional initiatives

### Mr. Peter Burnett

Office of Cyber Security, Cabinet Office, UK

**Strengthening greater international cooperation between nations to better prevent, defend against and counter cyber threats**

### Ms. Daisy Francis

Manager, International Cooperation, International Multilateral Partnership Against Cyber Threats (IMPACT)

**Cross-national frameworks to combat spam and other harmful threats to the Internet and online marketplace**

### Mr. Richard Simpson

Canada

12.30 **Lunch**

## SESSION 6

1400 **Organisational structures for effective Cybersecurity**

**Session Chair: Air Cdre. Graham Wright**  
Deputy Director, OCT

**National Cyber Security Management Systems**

### Professor El Kettani Dafir

Ministry of Industry, Trade and New Technologies, Morocco

**Organisational capacity building**

### Mr. Philip Victor

Director, Training, Skills Development & Outreach, International Multilateral Partnership Against Cyber Threats (IMPACT)

**To ensure resilience and security in e-communication networks private-public-partnership challenge: Lessons learned**

### Mr. Anders Johanson

Director, Network Security Department, Swedish Post and Telecom Agency

**Knowledge Transfer Networks - Unique approach by UK and its effectiveness**

### Mr. Anthony Dyhouse

Digital Systems - Knowledge Transfer Network, UK

**Emerging Organisational Structures; an EU Perspective**

### Mr. Ivailo Kalfin

MEP, Committee on Industry, Research and Energy

### Mr. Charles Ward

Chief Operating Officer, Intellect

15.30 **Coffee**

## SESSION 7

16.00 **Technical responses to Cyber security**

**Session Chair: Mr Mark Carvell**  
BIS

**Cybersecurity, ITU-T standards and initiatives**

**Ms. Cristina Buetti**  
ITU

**CYBEX - Cybersecurity information exchange**

**Mr. Mike Hird**  
BIS

**Identity management and security in the cloud and critical infrastructures**

**Mr. Andre Brisson**  
WNLabs, Canada

**Empowering the Information Society with Trust, Security, and Resiliency**

**Ms. Angela McKay**  
Senior Security Strategist, Microsoft

**Wireless World Research Forum - Security, Privacy and Trust agenda**

**Mr. Mario Hoffmann**  
Wireless World Research Forum

## About CTO

With a history dating back to 1901, the Commonwealth Telecommunications Organisation (CTO) is an international development partnership between the Commonwealth and non-Commonwealth governments, businesses and civil society organisations. CTO provides the international community with effective means to help bridge the digital divide and achieve social and economic development, by delivering to developing countries unique knowledge-sharing programmes, events and conferences in the use of Information and Communication Technologies (ICT).

With its headquarters in London and members based in Europe, the Caribbean, Americas, Africa and Asia-Pacific regions, CTO has been at the centre of continuous and extensive international communications development funding, co-operation and assistance programmes. CTO's mission is to reduce global poverty and its development agenda reflects the development challenges set in the United Nations Millennium Development Goals (MDGs). The CTO also provides professional training and capacity building programmes through its Programme for Development and Training (PDT) and iLearn initiatives, and is the trusted partner of policy makers, regulators, donor agencies, operators, technology and equipment manufacturers for their research, advisory and consultancy needs.



For further information please visit [www.cto.int](http://www.cto.int).

## The role of the Commonwealth Telecommunications Organisation

### Our mission

- To offer the highest quality programmes for capacity development, knowledge sharing and information services
- To expand and diversify partnerships between governments, business and other organisations
- To reduce global poverty and fulfill the global development agenda for ICT

## The three pillars of the Commonwealth Telecommunications Organisation

### 1 Capacity building and training

- Over 100 bilateral and over 500 online training courses available.
- Unique bespoke programmes on technical training management and related subjects of importance to ICTs
- Our Programme for Development and Training (PDT) has helped to enhance the skills of more than 30,000 staff over the last 10 years.
- Open to all industry stakeholders; training provided to develop skill sets specifically designed to your organisation's capacity building priorities.
- Our programmes use a faculty of industry experts and trainers from around the world.

### 2 International events and conferences

- At least ten networking events held per year in Africa, Europe, the Americas, Asia and the South Pacific.
- All events are highly topical, educative, informative and accessible to all for knowledge sharing.
- Bringing together the key stakeholder groups for knowledge sharing and commercial relationship building.
- Invitees participate and contribute to the discussions on the market sectors that your business operates in.

### 3 Research and consultancy programmes

- Research and consultancy work is carried out cost effectively to support donors, public and private sectors.
- Reputation built on key areas of competencies on policy and regulation, ICT planning and implementation, pilot projects evaluation and monitoring.
- In-depth industry knowledge and long standing relationships provide support to all stakeholders in the ICT arena to prepare for the future.
- Ability to fully understand your requirements and propose tailor made solutions that deal specifically with your needs and challenges.

## Your points of contact at the CTO:

Capacity building, development & training

Mr. Marcel Belingue  
Tel: +44 (0) 20 8600 3816  
Email: [m.belingue@cto.int](mailto:m.belingue@cto.int)

International events & conferences

Mr. Samuel Fletcher  
Tel: +44 (0) 20 8600 3809  
Email: [s.fletcher@cto.int](mailto:s.fletcher@cto.int)

Research & consultancy programmes

Mr. Lasantha De Alwis  
Tel: +44 (0) 20 8600 3814  
Email: [l.dealwis@cto.int](mailto:l.dealwis@cto.int)

## Upcoming CTO events for 2010

THE 5TH ANNUAL

# CTO africa

CONNECTING RURAL COMMUNITIES A CTO CONFERENCE | 2010

Connecting rural Africa on a cost-effective, sustainable and profitable basis through Public Private Peoples Partnerships



### Key Topics

- Rural Community Communication networks
- Rural network technology optimisation and economics
- Local e-Content generation
- Public Private Peoples Partnerships
- USF initiatives to enhance rural communications
- Narrowband and broadband application services
- Mobile banking and mobile money transfer
- Telecentres
- ICT training

#### Digital Nigeria

15 & 16 July 2010  
Nigeria

#### COMARCI In-Country Workshops

10 - 17 August 2010  
Ghana

#### 8th Annual CTO Forum 2010 & 50th Council Meeting

13 - 17 September 2010  
Sri Lanka

#### 4th Annual Connecting Rural Communities Asia Forum 2010

16 - 18 November 2010  
Jaipur, India

#### 3rd Annual Investing in ICTs in Emerging Markets 2010

1 & 2 December 2010  
London, UK

For more information please visit: [www.cto.int](http://www.cto.int)



## Conference registration form

Title:	Family Name:	First Name:
Company:	Job Title:	
Address:		
	Postcode:	Country:
Tel:	Mobile:	
Email:	Fax:	
How did you hear about the conference?		
Brochure in the mail <input type="checkbox"/>	CTO website <input type="checkbox"/>	E-mail <input type="checkbox"/>
Recommendation <input type="checkbox"/> <i>(Please specify)</i>	Phone call <input type="checkbox"/>	Other <input type="checkbox"/> <i>(Please specify)</i>

## Delegate fee

Sector	Normal rates	Early Bird discount
Public Sector delegates from CTO member countries	FREE <i>(limited number of places)</i>	FREE <i>(limited number of places)</i>
Not-for-profit sector	FREE <i>(limited number of places)</i>	FREE <i>(limited number of places)</i>
Private Sector delegates from CTO member countries	£495	£445.50
Delegates from non-CTO member countries	£645	£580.50

\* Members include: staff of PDT institutions, staff of country member representative institutions, and staff of sector member institutions.

## Payment details

Two easy payment options. Please tick your payment method

### 1. By credit card

Please charge to:



Cardholder's name

Cardholder's billing address (if different from above)

Card number

Security code ..... Valid from (mm/yyyy) ..... Expiry date (mm/yyyy) .....

Signature

*I understand and agree to pay all fees listed above in accordance with my cardholder's agreement.*

### 2. By bank transfer

Bank: **Coutts & Co, 440 Strand, London, WC2R 0QS**

UK account name: **CTO**

Account number: **08367507**

Swift code: **COUT GB22**

Reference: **B72COUT18000208367507**

### 3. Register online:

Please visit the event website to register online

- Please include the delegate name, invoice number and the conference code in the transmission details.
- All bank charges must be borne by the remitter. Please specifically instruct your bank that you are responsible for bank charges incurred outside of your country.
- Confirmation and receipt for the booking will be issued only when **FULL PAYMENT** is received.
- All payments must be received prior to the conference date. We reserve the right to refuse admission if payment is not received on time.
- All posted registrations must be accompanied by credit card details. Please treat this form as our request for payment.

Tick this box if you do not wish to be included in promotional mailings or faxes of events and activities organised by CTO.

### Cancellation and refund policy:

- All cancellations must be made in writing at least 21 days before the event date and acknowledged by a member of CTO. Any cancellations made after this time period will levy a 100% cancellation charge.
- Substitutions may be permitted.
- CTO will not be responsible for covering any airfare, hotel, or other travel costs incurred by the delegates, if, due to unforeseen circumstances, CTO has to cancel or postpone an event or conference.

*Note: Our data privacy can be found on our website at [www.cto.int](http://www.cto.int).*



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