

Interconnect Agreement and Licensing

04 February 2013 - 08 February 2013, Gaborone, Botswana



Next Generation Networks Licensing Price Regulation Signalling Protocol Cost Allocation Methodology FM Broadcast Signals

The emergence of Next Generation Networks (NGNs) has meant that regulatory bodies must acquire a broad spectrum of skills and competences as well as understand key industry drivers such as the general principles that underlie the design of sound, incentive regulation needed to pilot the communication industry into its complex future. Central to this, is the need to develop core capabilities in licensing, interconnection and price regulation.



COMMONWEALTH
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Objectives

This course will provide participants with an in-depth knowledge of the essential principles, theories and frameworks that underpin licensing, interconnection and price regulation within modern communication environments.

Target Audience

This course is aimed at Telecommunications professionals working within companies Economists (or related fields), other telecommunications professionals with an interest in licensing and inter-connection, pricing professionals and telecommunication regulators and management

Expected Outcomes

At the end of the course, the successful participant will be able to reliably demonstrate the ability to:

- Explain different types of interconnection
- Identify how to develop structure interconnection tariffs and agreements
- Describe how to monitor interconnection facility
- Identify business opportunity, regulatory complaints and license
- Strategic and operation issues.

Course Outline

- NGN architecture
- Application layer
- Service control layer
- Transport layer
- Core networks
- Implication of NGN
- Interconnection regime in legacy system
- Components of interconnect usage charge (IUC)
- Traditional cost allocation methodology
- Evolution in IUC costing methodology
- Interconnection issues in NGN domain
- Interconnection charging in Internet (IP) Domain
- NGN interconnection – charging option
- NGN interconnection- during transition
- NGN charging challenges
- Hybrid model of NGN cost allocation
- Negotiating interconnection agreement
- Long term number portability related to interconnection
- Collocation and arbitration
- NGN interconnection – regulatory intervention
- Interconnection between two IP networks
- Control plane interconnection
- Data plane interconnection
- Application layer interconnection
- Interconnection of PSTN/PLMN with IP networks
- NGN –PSTN interconnection architecture
- Session border controller
- NGN interconnection- signalling protocol
- Need for interconnect exchange (IX)
- NGN –PSTN points of interaction
- Interconnect exchange model
- Interconnect exchange case studies
- Pricing and costing in IP and next generation networks
- Promoting investments and innovations
- Innovative financing model regulatory complaints:
 - cost based pricing
 - Reporting of interconnection and facilities
 - Approvals of interconnection tariffs and agreement
 - Conflict resolution
- Business opportunity
- Pricing for co-location services
- Customer demand for co-location
- Security issues and regulations: License
- Privatization, globalization and deregulation/liberalization
- New players & services
- Implications for regulators
- Principles for effective regulation
- Competition policy, responsibilities and roles
- Methods of control

Course Outline continued....

- Types of licensing regimes
- Types of licenses, procedures and practices
- Setting of Inter connection usage charge
- Billing and settlement
- Dispute settlement
- Handling congestion and routing

To suggest other topics to be included in this course, please email us at programmes@cto.int

Forthcoming courses...

18 - 22 Feb, 2013	Marketing for an ICT Regulatory Environment , Mauritius
04 - 08 Mar, 2013	Broadband Pricing and Portfolio Mgt. Fiji Islands
04 - 08 Mar, 2013	Mobile Number Portability , Trinidad & Tobago
25—28 Mar, 2013	Quality of Service Monitoring , Nadi, Fiji Islands

Forthcoming conferences...

11-13 Feb 2013	8th Annual DBSF , South Africa
25 - 27 Mar 2013	7th Annual e-Gov Africa Uganda
22 - 26 Apr 2013	Commonwealth Cybersecurity Conference , Cameroon

About the CTO

The CTO is the oldest and largest Commonwealth organisation engaged in multilateral collaboration in the field of information and communication technologies. It uses its experience and expertise to support members in integrating ICTs to deliver effective development interventions that enrich, empower, and emancipate people within the Commonwealth and beyond.
For more information, write to info@cto.int

About the PDT

The PDT is a unique cost-effective funding mechanism to provide bespoke professional training and capacity development in ICT policy, regulation, network and telecom business management. Through the PDT, over a thousand ICT professionals benefit each year from its specialist courses and consultancy services. For more information about how to join the PDT, write to programmes@cto.int

Registration Form

Interconnect Agreement and licencing, 04/02/2013 - 08/02/2013, Gaborone, Botswana

Event ID: 7461

Please clearly fill all sections of this application form and fax it back to +44 20 8600 3819, or return it to the CTO at programmes@cto.int. Please use CAPITAL LETTERS.

Personal Details

Mr/Mrs/Ms/Other _____ First Name _____ Last Name _____
Job Title _____
Organisation _____
Address _____
City _____ Postcode _____ Country _____
Tel. _____ Mobile _____ Fax _____
E-mail _____
Authorising Line Manager's Name _____
Authorising Line Manager's E-mail _____

Payment Options

1. Select Delegate Rate (please refer to the list of CTO members/PDT Partners provided overleaf)

	Standard Rate	Early Registration by: 21 December 2012
CTO Members	<input type="checkbox"/> £799	<input type="checkbox"/> £749
PDT Partners	<input type="checkbox"/> £799	<input type="checkbox"/> £749
Others	<input type="checkbox"/> £1,199	<input type="checkbox"/> £1,149

2. Payment Mode (choose from either Invoice, Bank Transfer, Cheque, or Credit Card)

Invoice
Invoice me at the above address
(Discounts do not apply, payment
must be received by us prior to the above
event's start date)

Bank Transfer
To: Coutts & Co., 440 Strand, London WC2R 0QS, UK
A/c Name: CTO; A/c Number: 83675071
Reference: GB72COUT18000208367507
Sort Code: 18-00-02; Swift Code: COUT GB22

Cheque
Cheque enclosed,
payable to "CTO HQ"

 Credit Card: Visa / Mastercard (circle as appropriate)

Card Holder's Name _____

Card Holder's Billing Address (if different from above) _____

Card Number

Valid From Expiry Date 3-digit security code on back of card

Signature

Date _____ Name _____ Signature _____

Additional Information

To help us improve our services to you and your organisation, please tell us more about you and your organisation.

Your role in the organisation

- Strategic/executive
 Planning
 Control
 Operational

Your area of work in the organisation

- Business development
 Corporate affairs
 Customer service and care
 Engineering and technical management
 Financial, purchasing and investor relations
 IT/IP management
 Marketing and sales
 Public relations and corporate communications
 Regulatory and legal affairs
 Telecoms network management
 Human resources
 Other

Your organisation type

- Government
 Regulator
 Operator
 Manufacture
 Other

Your organisation's service areas

- Fixed network/services
 Mobile/wireless network/services
 Satellite network/services
 Internet
 Broadcasting
 Value-added services
 Support
 Other services

REGISTRATION DEADLINE

25 January 2013

3 SIMPLE WAYS TO REGISTER!

Fill in and fax this form back at
+44 20 8600 3819

Call the programme team at
+44 20 8600 3800

E-mail the programme team at
programmes@cto.int, quoting the course
"Event ID" above.

NEED HELP?

Call us now on +44 20 8600 3800
or e-mail the Programmes team at
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For delegate cancellations/withdrawals, the following refund rules apply:
- 31 days or more prior to event: the full amount less a handling charge of 10% or a minimum of £55, whichever applies
- 30 days or less prior to event: no refund
For CTO cancellations/withdrawals, delegates are entitled to a 100% refund within 60 days of the withdrawal/cancellation.
Refunds will be made by bank transfer only.

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* Restrictions may apply, please contact us at programmes@cto.int.