

ICT Regulation Drafting

2 - 6 November 2009

Learning outcomes

- Investigate the drafting of ICT regulation which satisfies the spirit of the Constitution of South Africa and the Electronic Communications Act
- Identify areas in the national telecommunications market which could be strengthened by revised, additional or new ICT rules and regulations
- Determine ICT regulation drafting which supports a vibrant, competitive national telecommunications and broadcast market
- Describe ICT regulation drafting which extends coverage on fair and equitable terms to the underserved areas of the country
- Develop ICT regulation drafting which is enforceable and ensures compliance

Key objectives

- Review the regulatory environment globally and the future direction of ICT regulation
- Examine the ITU's recommendations concerning national and international ICT regulation
- Identify the primary objectives of ICT regulations and its impact on telecommunications and broadcasting markets
- Compare differences between enforceable and weak ICT regulation
- Summarise areas which could be strengthened by appropriate ICT regulation

Who should attend

- Regulatory staff responsible for drafting regulations and codes of conduct for regulated telecommunications services and ICT applications
- Legal staff and managers from regulatory affairs departments that need to gain deeper insight into how regulations are drafted and how they can participate in consultative processes

Learning environment

Traditional classroom including collaborative learning. Use of presentations, group learning, class exercises, case studies and problem solving. Extensive use of practical exercises to draft regulations.

Pre-requisites

There are no pre-requisites for this course.

Course content

International ICT regulation: Impact on national telecommunications and broadcasting markets:

- North America
- Europe
- South East Asia
- Australia and New Zealand

South African perspective

- Specific, applicable requirements laid out in the Constitution of South Africa and in the Electronic Communications Act

ICT regulation

- Basic services with regard to the dominant service provider, start-up and established competitors
- Value-added services provided by the dominant service provider, start-up and established competitors
- Network interconnection, unbundling and co-location regulation
- Traffic interchange regulation on a national and international basis
- Tariff requirements and rate setting including cost-based rate setting

Convergence issues

- Between competing fixed wireline competitors
- Between competing mobile wireless competitors
- Between both sectors
- Impact of full convergence promised by 4G LTE and ICT regulation requirements
- Service convergence with IP based infrastructure and ICT regulation managing the impact of cross-service migration between telecommunications and broadcast operators

Course content

Spectrum management issues

- Frequency allocation and licensing issues
- Compliance and performance monitoring in the telecommunications and broadcast sectors
- Frequency refarming and applicable ICT regulation
- Frequency pricing

Rate setting and licence fees

- Unbundling of facilities
- Cost-based rate setting
- Price setting methods: price cap, retail and wholesale, RoR, asset based, Long Run Incremental Costs (LRIC) and Forward Looking LRIC (FL-LRIC)

Additional discussions

- Rural and underserved area requirements and ICT regulation addressing these limitations
- Urban service congestion and ICT regulation preventing excessive duplication of assets in over-served areas
- International gateway issues and operation
- Mobile virtual network operators
- Digital broadcast regulation and independent multiplex operators

Looking forward:

- Future evolution of the telecommunications and broadcast markets
- Foreseeable ICT regulation to protect affected operators

Course leader



Karl Hentschel: M.A.; B. Eng.

Karl Hentschel, a senior Associate at Alliances Consulting Inc., is a highly experienced Telecoms Specialist with over 30 years of experience in the telecommunications sector. He is extremely well-rounded in technology and management issues related to telecommunications including regulation, next generation networks, wireless and cellular networks, and broadband networks.

Among other past positions, Karl was Director Regulatory Projects at AT&T Canada. He has worked extensively on national, regional, rural, and enterprise in North America and globally and, as such, has extensive knowledge of wire line and wireless networks, global regulation, tariffs, rates, and competition. Karl has worked closely with regulatory staff at the Canadian Radio-television and Telecommunications Commission (CRTC) during the application process.

He was responsible for the operations and costing models supporting the applicant's business plan. Karl worked with the regulatory team at AT&T supporting the CRTC's Rate Cap and Phase III Costing Proceedings which formed the basis for cost based tariffs and rates applicable to the dominant telecommunications service providers while still allowing preferred treatment of new entrants and thereby supporting the start-up of competition in Canada. In this position, Karl also worked closely with staff at the Federal Communications Commission (FCC) in Washington on matters pertaining to cross-border services and facilities.

Hosted by:
ICASA

In partnership with:
Alliances Consulting Group

About the CTO

The Commonwealth Telecommunications Organisation (CTO) is an international development partnership between Commonwealth and non-Commonwealth governments, business and civil society organisations.

It provides the international community with effective means to help bridge the digital divide and achieve social and economic development through the use of Information and Communication Technologies (ICT) in the specific areas of Telecommunications, IT, Broadcasting and the Internet.

About the programme for development and training (PDT)

Managed by the CTO, the PDT is a unique low-cost membership programme providing needs-based professional training and capacity building courses on telecommunications policy, regulation, technologies and telecoms business management.

The PDT has delivered over 3600 bilateral training and consultancy projects, covering every aspect of the telecommunications industry, training over 35,000 professionals in 33 countries of the Commonwealth.

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Registration form

ICT Regulation Drafting
2 - 6 November 2009, Sandton, South Africa

ID: 6509

Please fill in this application form and fax it back to +44 208 600 3819 or return it to the CTO at the address below. Please use CAPITAL LETTERS.

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Organisation

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Authorising line manager's name

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1) Select delegate rate

	Standard rate	Early registration/Group discounts*
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Additional information

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

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- 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 & 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
- Manufacturer
- Other

Your organisation's service areas

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

3 SIMPLE WAYS TO REGISTER

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