





Regulatory implications of convergence

- Multiple or sector-specific regulatory bodies i.e., regulatory structure
- Market entry and licensing with different traditions and legacies
- Access to networks and contents
- Allocation of radio frequency and other resources for broadcasting, mobile multimedia and voice applications etc.
- Lack of standards supporting interoperability and interconnection of converging networks
- Pricing, accounting, interconnection etc. over the converging networks and services

Regulatory principles for convergence

Regulation should be limited, where necessary, to achieve clearly identified objectives: *i.e., not regulation for the sake of regulation*

The needs of users should be reflected

- Regulatory decisions should be guided by clear, transparent, and predictable frameworks
- Everyone should participate in a converged environment: e.g., scope of universal service
- Independent and effective regulators will be central to a converging environment

Regulatory options for convergence

- Build or maintain the existing regulatory model i.e., structures, bodies, & laws
- Develop a separate regulatory model for new activities to co-exist with the converged ICTs
- Progressively introduce a new regulatory model to cover the whole range of existing and new ICT services

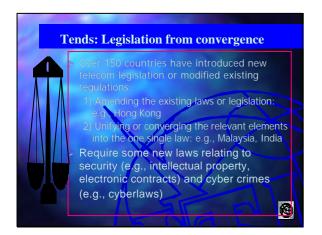
Examples: Regulators from convergence

- Integrating convergent functions in the existing telecom & broadcasting regulators;e.g.
- Australia: The ACA merging AUSTEL with SMA
- New converged regulators extending to computing:e.g.,
 - Malaysia. This MCMC as a sole regulator, for telecom, broadcasting &
 - Singapore. The IDA combining the TAS with ITTA

Cooperation among regulators:e.g.,

- UK. The OFTEL for telecom, whilst the ITV for content & broadcast messages etc. until the end of 2003 when the converged OFCOM is fully operational after enactment of the Communications Bill;
- S.Korea: The KCC for telecom, whilst the KBC for content &
- Hong Kong: The OFTA for telecom, whilst the BA for content & broadcasting



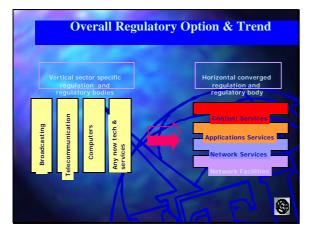


Examples: Legislation from convergence

China: The Regulations (1997/8) covered radio, TV & film and provides interim provisions for the management of computer information networks and for the security of computer networks

- Hong Kong, China: The Telecom Ordinance (2000) & Broadcasting Ordinance (2000) were amended respectively to meet the convergence:

 Malaysia: The Communications & Multimedia Act (1998) established a regulatory framework in support of national policy objectives for the industries.
- Singapore: The Electronic Transactions Act (1998) & Regulations (1999) enacts a commercial code to support e-commerce transactions and creates a voluntary licensing scheme for CA respectively; and
- India: The IT ACT (2000) deals with digital signature, egovernance, regulation of CA: The Communication Converger Bill (2001) drafted and to be passed



Lessons & Ways Forward

Staff retraining for competence and expertise in fast changing, competitive, and converging ICT/telecommunication sectors

Different countries with different econopolitical and geographical conditions will have to shape their regulation in different manners.







