Conformity and Interoperability regimes of Telecommunication/ICT Equipment in Bangladesh

Homologation of Telecommunication Equipment Experience

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Legal Framework of the C&I Regime for Telecommunication/ICT Equipment in Bangladesh

- **Applicable Law :** The Bangladesh Telecommunication Act, 2001

  Amendment: 2006 and 2010

- **Governing role of the Act :**

  Bangladesh Telecommunication Regulatory Commission (BTRC), established in 31st January 2002, with prior approval of the Ministry of Posts , Telecommunications & ICT may specify National Standards and technical aspects of the apparatus and verification of compliance.

Legal Framework of the C&I Regime for Telecommunication/ICT Equipment in Bangladesh

Power/role of the Commission (BTRC) accomplished through different guidelines:

Mentionable ones are-

- **Interconnection regulation 2004-**Ensures interconnection and interoperability of services.
- **Broadband Wireless Access Guidelines, BWA-**Licensee as per directions of the commission design & maintain their telecommunications network. BWA equipment must in conformance with WiMAX forum standards as well as ITU radio regulations and standards.
- **Nationwide Telecommunication Transmission Network (NTTN) Guideline-**Must Ensure interoperability with the existing transmission network
- **IP Telephony Service Guideline-**Through this guideline line IP Telephone Service Providers make sure the interoperability with other voice call operators.
- **ILDTS Policy 2010 (2007)** under process of upgradation. (ANS, ICX, IGW, NIX, IIG

Common problems faced due the lack of Conformity and Interoperability in Bangladesh

Problems:

      User Level

      Government/Regulator Level

      Increases of CAPEX & OPEX

      Degradation of QoS

Conformity Assessment Processes in Bangladesh

- Some private companies are working on IoT and it is still in testing Phase.

- Ministry/ Regulatory Body are encouraging them and are planning to implement IoT in Bangladesh

- ICT Reference standard is followed as per ITU recommendation and regulator ensues that.

Vision of Bangladesh for the future

- Work on standardization process & certification system
- Build capacity for ensuring conformity
- Get equipment for testing and measurements
- Coordinate meeting between multi-vendor, multi-operator and multi-service providers
- Run pilot projects for testing and conformability
- Digital Bangladesh Vision 2020

Thank You