

Draft Questionnaire addressed to ITU-D Administrations, Sector Members and Regional Organizations

Purpose of the Questionnaire: Is to collect information from African Countries on the status of Conformance and Interoperability of Equipment and System

1. Mobile and Fixed Networks

- 1.1. *What is the level of network development the fixed and mobile networks in your country? (What is meant by level – 2G, 2.5G, 3G?)*
- 1.2. *What kind of equipment, services and systems are installed on each network (TDM, IP, NGN)?*

Networks Development levels	1st	2nd	3rd	4th	TDM	TDM/IP	IP	NGN	Other
Mobile 1									
Mobile 2									
Mobile 3									
Mobile 4									
Fixed 1									
Fixed 2									
Other Networks 1 ()									
Other Networks 2 ()									
Other Networks 3 ()									

2. Conformance and Interoperability

(Please note that Conformance does not necessarily mean Interoperability)

- 2.1. *Is Conformance considered to playing a key role in increasing the probability of interoperability of different equipment and systems and increased connectivity in your country?*
- 2.2. *Does any of the equipment, services and systems currently installed or planned to be installed on fixed and mobile networks have or have the potential of experiencing conformance and interoperability problems?*
- 2.3. *Please list the main conformance and interoperability problems experienced on fixed and mobile network?*
- 2.4. *What is the impact of these conformance and interoperability problems on the technical and economical effects (for example Quality of Services network modifications, competitiveness, etc)?*

- 2.5. *Are there activities undertaken or arrangements made prior to installation of equipment in the network to reach the required level of interoperability between the existing network and the new equipment, systems and services?*
- 2.6. *Is there a regime of type approval/homologation to ascertain required technical standards mandated by regulation for fixed, wireless and EMC equipment planned to be installed on national (public) network(s) and systems?*
- 2.7. *Is there a body responsible for monitoring compliance to type approval/homologation regulatory requirements?*
- 2.8. *Do you have market surveillance (a) capability and (b) activity to continuously audit and verify equipment compliance to regulatory requirements?*
- 2.9. *Does the type approval/homologation process recognize the marking and telecommunications regulatory requirements of another country or region e.g. EU or FCC?*
- 2.10. *Are there any Mutual Recognition Agreements / Arrangements (MRAs) established within the country and with other countries for Type Approval/Homologation tests, and issuance of certifications according to the ISO 17000- series standard?*
- 2.11. *Do you have a national accreditation body, accredited laboratories and certification bodies that carry out type approval/homologation tests for ICT equipment and systems in accordance to ISO 17000-series standards? If yes, please provide details (organization name, physical, postal, email address and telephone numbers)?*

3. Training and Capacity Building

- 3.1. *Do you consider enhancing/improving awareness and capacity building on the subject of Conformance and Interoperability important? What proposed capacity building/training activities (training, workshops) do you think would have a greater impact in your country/region?*
- 3.2. *Is your country ready to participate in:*

- a. *The Africa regional program aimed at capacity building and tutorials opportunities carried out by experts?*
- b. *The process of establishing national, sub-regional and regional test centres including provision of information to address geographical and technical needs in terms of (i) location (ii) financial and (iii) human resources?*

3.3. *Would ICT laboratories in your country be in a position to host potential ITU initiatives (such as) for capacity building and practical testing sessions?*

4. Please provide any other information that you consider of interest with regards to conformance and interoperability?