

Annex F:

Updated terms of reference for the JCA on multimedia aspects of e-services

Scope

The role of the JCA on multimedia aspects of e-services is the monitoring and coordination of the work on e-services-related technical topics within ITU as well as outside ITU, especially on standardization, taking into consideration the work of relevant other standards development organizations (SDOs), forums and consortia.

E-services: For the scope of the JCA on multimedia aspects of e-services, e-service is defined as the combined use of electronic communication and information technology (digital multimedia data collected, processed, transmitted, stored and retrieved electronically) for service delivery in a specific industry area, such as healthcare, education, administration, commerce, transportation, entertainment, etc. The distribution and delivery of e-services can be by a multitude of channels capable of transporting multimedia information, for example the Internet, cable networks, NGN, GSTN, IMT-2020, future networks, and wireless networks.

The JCA operates under the terms of Recommendation ITU-T A.1, clause 2.2.

Motivation

With the advent of the Web and the Internet, multimedia touches almost all aspects of our lives. As the lead Study Group on multimedia aspect of e-services, Questions of SG16 have been working in the key areas of multimedia, such as e-health, accessibility, ITS, Human factors, IPTV and advanced content delivery systems such as ILE

Inevitably, any e-service will have some elements of multimedia. For example, the use of ultra-high definition video in telemedicine, gamification in education, video surveillance in public safety, and the use of smartphone video for measuring heartbeats, etc.

As technology and various services grow, we find many overlapping areas among them. As the lead Study Group on multimedia aspect of e-services, SG16 has recognized coordination among different groups involved in this area is desirable for efficiency and progress of technology.

Rationale

- Identifying that the current topics and their complexity in ITU-T/ITU-R/ITU-D are deemed as important concerns of JCA on multimedia aspect of e-services, such as advanced broadcasting in IBB-TV / IRG-IBB, accessibility in JCA-AHF/IRG-AVA, e-health, natural language translation and information services at and during disaster, an appropriate platform for better addressing the coordination needs identified now and in the future is necessary.

Objectives

- To identify and co-ordinate activity on multimedia aspect of e-services across all the relevant ITU-T Study Groups (currently ITU-T SGs 2, 9, 11, 12, 13, 15, 16, 17, 20) and to liaise with all relevant sectors ITU-R and ITU-D;
- To collaborate with other cross sector coordination platforms such as CITS.
- To analyse e-services related work programmes in ITU-T Study Groups, as well as in other SDOs, forums and consortia, for use in its coordination function and will provide information on this work for use by the relevant study groups in planning their work.
- To provide a visible contact point for e-service activities in ITU-T, to seek co-operation from external bodies working in the field of e-services and enable effective two-way communication with these bodies.

Participation

Participation is open to official representatives of all ITU-T SGs and TSAG and all ITU-T SG secretariat.

Other ITU groups and relevant external bodies, standardization organizations in particular, may be invited to appoint a representative to join the group.

Working methods

The JCA on e-services works primarily by correspondence, but it can also meet in association with meetings of Study Group 16, when necessary. In addition, urgent issues requiring attention can be flagged up at any time and the JCA can convene as appropriate to take action.

Specific tasks

Within the scope of multimedia aspects of e-services:

- Maintain a list of contacts for e-services in each group participating in the JCA.
- Coordinate with the various groups in ITU-T on standardization activities to avoid duplication of work, noticeably any proposed new and revised work items, and maximize work;
- Advise in the overall planning of tutorials and seminars/workshops (in accordance with Rec. ITU-T A.31);
- Address coordination of activities with relevant SDOs and forums;
- Support of the coordinated development of specifications and events for conformance and interoperability testing;
- Support of the coordinated development of new multimedia aspect of e-service standards that include new technologies or trends such as digital finance services (DFS) and distributed ledger technologies (DLT);
- Support of the coordinated development of new multimedia aspect of e-service standards such as e-agriculture, e-forestry, and e-aquaculture.

Progress reports

This JCA will issue a report to SG16, the lead Study Group on multimedia aspects of e-services, after each JCA meeting. TSAG may monitor the activities of this JCA through these reports (see Rec. ITU-T A.1, clause 2.2.8).

Lifetime

The lead Study Group on multimedia aspects of e-services will decide the termination of this JCA (see Rec. ITU-T A.1, clause 2.2.10).