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|  | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR** | | | | JCA-AHF-529 | |
| JCA-AHF | |
| Original: English | |
| **Question(s):** | | N/A | | Geneva, 15 October 2025 | | |
| **DOCUMENT**  **(Ref:SG20-TD930)** | | | | | | |
| **Source:** | | ITU-T Study Group 20 | | | | |
| **Title:** | | LS on information regarding the Q8/SG20 activities related to accessibility for IoT and SC&C [to ITU-T SG21 (Q1/21), JCA-AHF, IRG-AVA] | | | | |
| **LIAISON STATEMENT** | | | | | | |
| **For action to:** | | | - | | | |
| **For information to:** | | | JCA-AHF; IRG-AVA; SG21; | | | |
| **Approval:** | | | ITU-T Study Group 20 meeting (Geneva, 25 September 2025) | | | |
| **Deadline:** | | | - | | | |
| **Contact:** | | Hyoung Jun Kim Study Group 20 Chair | | | | Tel: +82 428606576 E-mail: [khj@etri.re.kr](mailto:khj@etri.re.kr) |
| **Contact:** | | Yong J Lee Rapporteur Q8/20 | | | | Tel: +82 70 4907 4208 E-mail:  [ylee@caict.re.kr](mailto:ylee@caict.re.kr) |

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| **Abstract:** | This liaison statement contains information on the current activities of ITU-T Study Group 20 Question 8 related to IoT and SSC&C accessibility. |

ITU-T Study Group 20 (SG20) would like to inform ITU-T Study Group 21 (SG21) Question 1 (Q1/21: *Multimedia system, service and application accessibility for digital inclusion*), the ITU-T Joint Coordination Activity on Accessibility and Human Factors (JCA-AHF), and the ITU-T Intersector Rapporteur Group on Audiovisual Media Accessibility (IRG-AVA) of the current progress of ITU-T SG20 Question 8 (Q8/20: *Human-centric digital services enabled by the Internet of Things and Smart Sustainable Cities and Communities (SSC&C) related to digital health, accessibility, and inclusion*), particularly with respect to accessibility and digital inclusion enabled by IoT and SSC&C, including the launch of new work items.

Q8/20 is currently developing seven work items in this area. For your information, the list of these work items is provided in Annex 1.

Q8/20 looks forward to maintaining and strengthening a collaborative relationship with SG21, JCA-AHF, and IRG-AVA in advancing IoT and SSC&C accessibility, and recognizes the importance and value of our shared efforts.

**Annex 1**

**Current Work Items of Q8/20 related to IoT and SSC&C accessibility  
(as of the 15–25 September 2025 meeting)**

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| **Code** | **Title** | **Type** | **TD numbers** |
| YSTR.ACC-SCC | Guidelines on developing ICT services for accessible smart cities | Ongoing | [SG20-TD751-R1](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0751!R1!MSW-E.docx) |
| Y.dt-PAF | Requirements and capabilities of a digital twin for pedestrian accessibility facilities for persons with disabilities | Ongoing | [SG20-TD703](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0703!!MSW-E.docx) |
| Y.ACC-ASM | Requirements and capabilities of accessible service management using user accessibility preference profile for IoT services | Ongoing | [SG20-TD677](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0677!!MSW-E.docx) |
| Y.IoT-SAS | Functional architecture of IoT-enabled smart accessibility service in smart communities | Ongoing | [SG20-TD747-R1](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0747!R1!MSW-E.docx) |
| Y.ACC-IoTMV | Accessibility requirements for metaverse services supporting IoT | Ongoing | [SG20-TD676-R1](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0676!R1!MSW-E.docx) |
| Y.IoT-PwD-ID | Framework for personalized accessibility enablement in smart transport systems for persons with disabilities | New Work Item | [SG20-TD765-R2](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0765!R2!MSW-E.docx)  [A.1 [SG20-TD764-R2](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0764!R2!MSW-E.docx)] |
| Y.meta-Ed | Requirements and functional architecture for IoT enabled multilingual and immersive education system | New Work Item | [SG20-TD919-R1](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0919!R1!MSW-E.docx)  [A.1 [SG20-TD918-R1](https://www.itu.int/dms_inf/itu-t/md/25/sg20/td/250915/GEN/T25-SG20-250915-TD-GEN-0918!R1!MSW-E.docx)] |

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