ITU-T SG16 Activities Related to Accessibility

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Introduction to SG16 and Accessibility

- Lead group for multimedia such as audio, video etc.
- Well-known standards such as H.264 and H.265 (HEVC)
- Question 26 is tasked with ICT Accessibility
- Close collaboration with other bodies such as WHO and ISO/IEC
- Recommendations implemented and in wide use

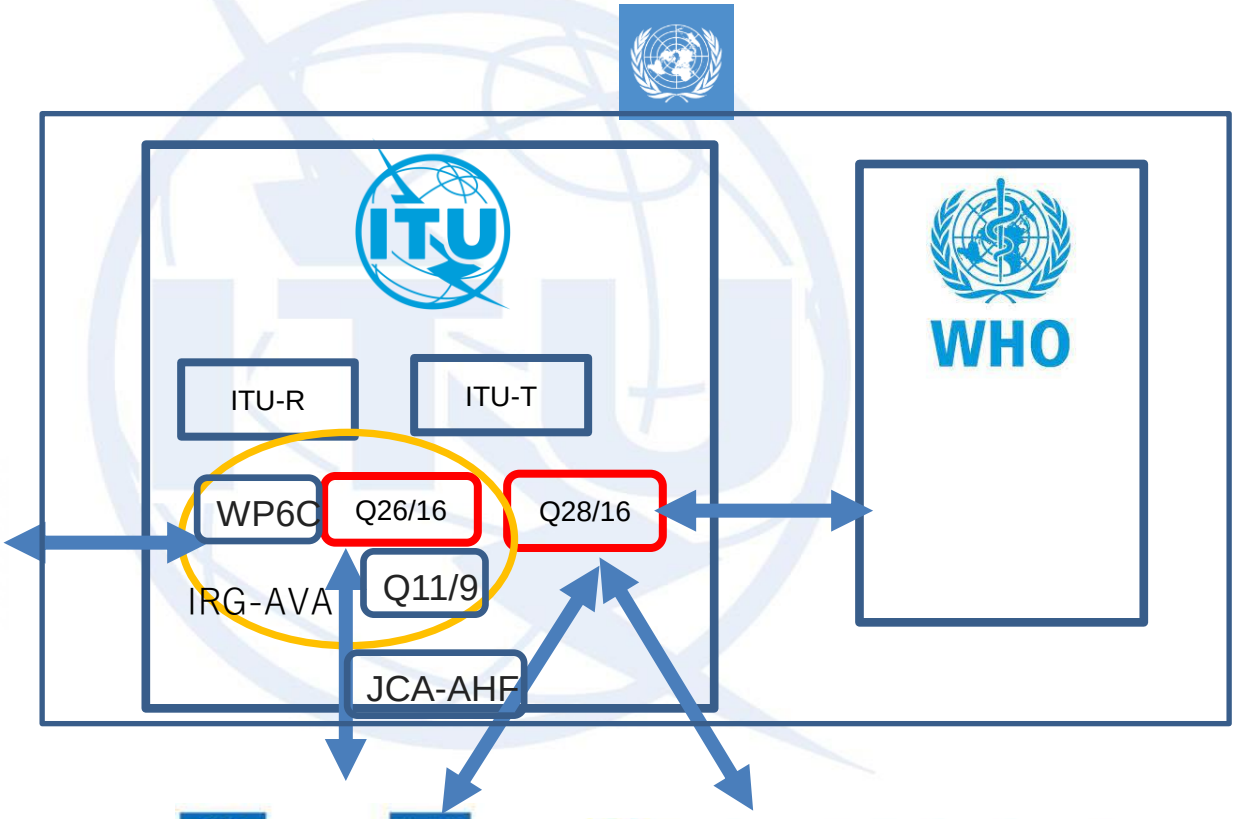
ITU-T SG16

3-time Emmy Award Winner

- H.264, H.265 (HEVC) and JPEG (T.851), used world-wide, are 3 of the well-known standards from ITU-T SG16.
- ITU-T received 3 Emmy awards for these standards.

Photographer: Jordan Strauss; Copyright: Television Academy

SG16 Collaboration with other Groups



Consumer Technology Association

ISO JTC1 IEC
INFORMATION TECHNOLOGY STANDARDS

Joint Initiative Council

Some Standards and Work Items Accessibility

- Some of the Recommendations Q26/16 has developed are presented below
- Adapted as US National standard ANSI/CTA-2076, titled "Inclusive, Audio-based, Network Navigation Systems for All Persons including those Who are Blind/Low Vision".

F.930: Video Relay Service (VRS)

Telephone with video sign

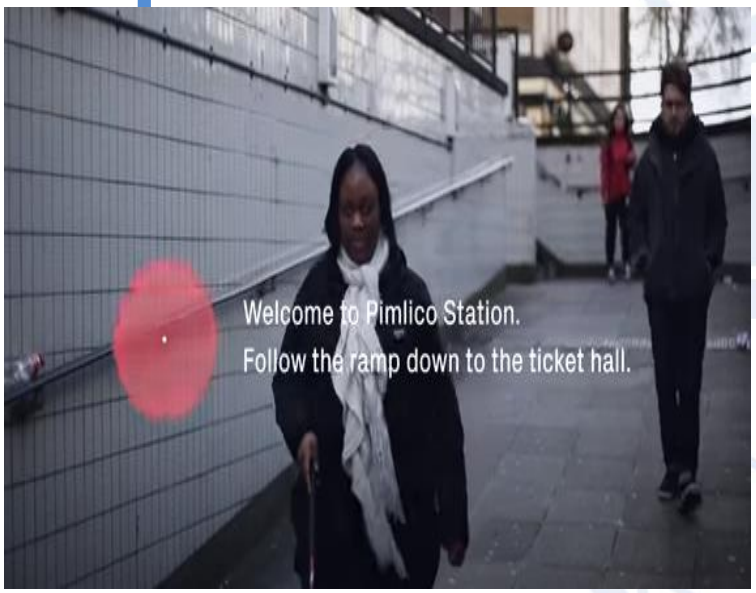
Voice

- VRS enables Deaf and Hard of Hearing people to make telephone calls to other (hearing) people and communicate (with voice)

Deaf caller with sign language

Hearing caller

F.921: Audio-navigation for Visually Impaired



- Used in London Underground;
- Also implemented in New York, Sydney, etc.
- Adapted as US National standard **ANSI/CTA-2076**, titled "*Inclusive, Audio-based, Network Navigation Systems for All Persons including those Who are Blind/Low Vision*".

H.702: Accessibility Profiles for IPTV

- Defines accessibility features like closed caption, closed signing, etc. on IPTV
- Implemented in IPTV and set-top box in the global market

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Work on Accessibility in Metaverse

- presents ways in which to integrate accessibility products and services in a sustainable and energy efficient metaverse for people with diverse access needs.
- It covers a range of guidance for making the metaverse sustainable and accessible.
- Q26 is expected to develop more standards on accessible metaverse

Collaboration with ISO/IEC JTC1

- SG16 is closely working with ISO/IEC JTC1 on Accessibility
- It has produced some “twin text” Recommendations/Standards with them:
  - T.701.21 "**Guidance on audio description**"
    - (twin of *ISO/IEC TS 20071-21:2015*)
  - T.701.25 "**Guidance on the audio presentation of text in videos, including captions, subtitles and other on-screen text**"
    - (twin of *ISO/IEC TS 20071-25:2017*)

WHO-ITU
Global Standard for Accessible Telehealth

World Health Organization

Health Topics | Countries | Newsroom | Emergencies | Data

Home / Publications / Overview / WHO-ITU global standard for accessibility of telehealth services

WHO-ITU global standard for accessibility of telehealth services

1 January 2022 | Publication

Overview

Telehealth is a service that has been widely applied in many countries for decade now. During the Covid-19 pandemic, the use of telehealth services has increased substantially in many countries, becoming a basic need for the general

- ITU and WHO jointly developed a global standard for accessibility of telehealth
- Several governments, including India, have shown interest in adoption.

Video Presentation by WHO

- Mr Kaloyan Kamenov, WHO, will present ITU/WHO joint Global Standard
- “Accessibility of Telehealth Services”

- Thank you