

# Study Session 2 AAL and Accessibility



**Update of PT 100-7  
and  
Update of European AAL Workshop of  
IEC SEG AAL and CLC TC 100 X (10 March 2014, Brussels)**

AGS, 21 May 2014, Seattle

IEC TC 100 PT 100-7 co-project leaders  
Ulrike Haltrich  
Dr. Kate Grant

## TC 100 AAL and Accessibility

- In 2007, TC 100/AGS recognized the need of investigation for accessibility standardization and established a Stage 0 project to produce IEC TR 62678: Audio, video and multimedia systems and equipment activities and considerations related to accessibility and usability (published in 2010)
- TC 100/AGS has held AAL study sessions since May 2011
- Liaison with European Blind Union (2011)
- Project Team PT 100-7 AAL established in 2012
- IEC 62731 Text to Speech for Television (2013)
- IEC/PAS 62883 universAAL Framework for User Interaction in Multimedia AAL Spaces (2013)

## Update PT 100-7



- **Draft Technical Report 62907 approved on 31 Jan. 2014**
  - Survey identified 17 relevant AAL use cases
  - Forwarded “final” TR to TC 100 assistant secretary on 16 March
  - Work in progress to address comments of IEC CO
  
- **New Work Item on Digital Television Accessibility (100\_2277e\_NP)**
  - Approved 25 April 2014
  - Comments received from NCs and also Digital Europe
  - European Blind Union likely to discontinue involvement in NP
  - Discussion with European Disability Forum ongoing to provide relevant user group input
  
- **Contribution to ITU-T SG 16 on Accessibility Vocabulary for Sapporo June 2014**
- **TC 100 actively contributes to IEC SEG AAL**

## New TA 16 AAL, Accessibility and User Interfaces

- **Formation of new Technical Area 16 AAL, Accessibility and User Interfaces**
  - To develop international publications addressing aspects of ambient assisted living (AAL), accessibility, usability and specific user interfaces related to audio, video and multimedia systems and equipment within the scope of TC 100. Specific aspects related to audio, video and multimedia systems and equipment to be addressed include:
    - User requirements for accessibility and usability
    - Requirements for systems and equipment for ambient assisted living
    - Standardization to address the identified requirements for ambient assisted living, accessibility and usability
    - User Interfaces, interfaces, protocols and control mechanisms for systems and equipment for ambient assisted living, accessibility and usability
- **Final Draft Scope and Work Programme distributed to AGS/AGM members for comments by 14 March 2014**
- **NC Vote ended on 9 May 2014, BUT due to technical problem re-circulation for 4 weeks (100/2336/AC) **NEW VOTE DUE 13 JUNE****
- **Decision expected at AGM on 22 May 2014, Seattle**
- **After establishment of TA 16, proposal to close study session 2**

## Enhancing Independent Living, Health Monitoring and Accessibility Through Global Standards

Workshop of TC 100 and CEA, 23 May 2014



### ■ Panel 1 - Regional View

- Explore trends and compare global initiatives in support of the goals of assisted living and disability access
  - ✦ Mary Brooner, U.S.
  - ✦ Zhang Hong, China
  - ✦ Hideo Arahama, Japan
  - ✦ Karina Marcus, EU (remote)
  - ✦ Invited, ITU-T (remote)

### ■ Panel 2 – Independent Living and Health Monitoring

- Explore use cases shaping the need for AAL and disability access
  - ✦ Chuck Parker, Continua Health Alliance
  - ✦ Brannon Zahand, Microsoft Xbox Kinect
  - ✦ Susan Winter, Electro Federation Canada

### ■ Panel 3 – Spotlight on Television Accessibility

- Address the challenges of supporting a range of consumers with differing profiles of abilities
  - ✦ Lise Hamlin, Hearing Loss Association of America
  - ✦ Paul Schroeder, American Foundation for the Blind
  - ✦ Anita Shafer Aaron, World Institute on Disability
  - ✦ Tony Jasionowski, Panasonic

### ■ CEA and TC 100 Press Release after workshop

# AAL Workshop CLC TC 100 X and IEC SEG AAL



Hotel and location information is available in separate documents.



10 March 2014  
10:00 – 16:00 h CET  
CEN/CENELEC Meeting Center  
17, Avenue Marnix  
Room Da Vinci  
1000 Brussels



Workshop  
System Evaluation Group  
Ambient Assisted Living  
& CENELEC Technical Committee 100X



## Objectives of AAL Workshop CLC TC 100 X and IEC SEG AAL



- Information Exchange between EU AAL Research Projects, IEC and CENELEC
- Relevance of standardisation in your research
  - Explain experience with standardisation
  - Are you familiar with the standardisation environment?
  - Which standards did you use in your research?
  - Did you identify gaps and potential new areas for standardisation?
- Identify barriers to market introduction of your research results
- Did you consider standardisation as a possibility for dissemination of your research results?
  - Identify standardization requirements in the field of AAL
  - Identify future needs concerning standards and certification, identify gaps where no suitable standards exist and encourage active involvement of research community
- SEG AAL, IEC TC100 and CLC TC100x presented their activities and vice versa

## AAL Workshop CLC TC 100 X and IEC SEG AAL



### ■ EU Project Presentations

- EU AAL Joint Programme, Ms. Karina Marcus
- Integration Profiles and AAL Use Cases; Mr. Lars Rölker (OFFIS, Germany)
- AAL-JP CaMeLi Mr. Markus Dubielzig (Siemens, Germany)
- NavMem, Mr. Markus Dubielzig (Siemens, Germany)
- Easy Reach Project , Mr. Stefano Pinardi (University of Milano, Italy)
- Interfaces for Elderly, Mr. Stefano Pinardi (University of Milano, Italy)
- Robot Platform Development and System Integration, Mr. Paulo Alvito (ID MIND Portugal)
  - I. SocialRobot
  - II. FROG - Fun Robotic Outdoor Guide
  - III. MOnarCH - Multi-Robot Cognitive Systems Operating in Hospitals
- ReAAL, Mr. Saied Tazari (Fraunhofer, Germany)



## AAL Workshop CLC TC 100 X and IEC SEG AAL



### ■ Workshop debriefing

- Need to consider JTC 1 work in reference architectures, (e.g. the sensor network reference architecture, the work on reference architecture for the internet of things)
- Smart homes and smart environments are a logical basis to add applications for specific requirements related to AAL