

Ambient Assisted Living Stage 0 Project PT100-7

IEC TC 100 AGS Meeting

CO-PROJECT LEADERS
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SHENZHEN

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Scope of AAL Project

- Conduct a survey to collect AAL use cases in the field of audio, video and multimedia systems and equipment;
- Contribute to the work of IEC SMB SG 5 AAL by submitting AAL use cases summarized from the survey;
- Investigate AAL future new work items in the field of audio, video and multimedia systems and equipment; and
- Prepare a technical report as the deliverable of the project

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IEC TC 100 Ambient Assisted Living (AAL) and Accessibility

- Stage 0 Project PT 100-7 AAL established in May 2012
- Conducted Survey and collected AAL use cases (submitted by China, Japan, Germany, UK, US and the ITU-T FG AVA)
- Submitted use cases to the IEC Strategic Group 5 AAL
- Developed Publicly Available Specification (PAS) with Fraunhofer and DKE (submitted to AGS on 5 June 2013)
- Second version of PAS sent by DKE on 26 August 2013
- 1st project team meeting 23 Oct. 2012, Berlin
- 2nd PT 100-7 AAL Meeting on 7 June 2013, London
 - NP by EBU (European Blind Union) for a functional specification focusing on accessibility and usability of TVs and control of access to, and consumption of, digital content through the TV

Experts

- AU: Mr. Keith Jones
- CN: Mr. Hong Zhang
- FI: Mr. Pekka Talmola
- JP: Mr. Shuichi Matsumura, Mr. Hideo Arahama, Mr. Shigeki Harada, Mr. Hiroyasu Kuwano
- US: Ms. Ms. Alayne Bell, Mr. Bill Belt, Mr. Jeff Howell, Mr. Jon Fairhurst, Ms. Karen Broome
- Liaison representatives European Blind Union: Mr. Guido Gybels, Mr. John Paton
- DE: Ms. Ulrike Haltrich, Ms. Janina Laurila-Dürsch
- UK: Dr. Kate Grant, Mr. John Woodgate

Timeline

15 May 2012	AGS Dallas Stage 0 AAL Project established
31 Aug. 2012	Call for Experts
21 Sept. 2012	Contribution of Use Cases
23 Oct. 2012	Project meeting Berlin
Jan-Mar. 2013	Compile Initial AAL use case TR
6 May 2013	Distribution of Early Draft TR to PT
7 June 2013	F2F meeting to discuss AAL TR
16 Sept. 2013	Finalize AAL draft TR/issue first WD for Shenzhen AAL meeting
26 Sept. 2013	F2F meeting to review WD comments on AAL and progress
Autumn 2013	Submit TR for comments to NCs
Spring 2014	Finalize AAL TR

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Use Cases and Contributions

Committee	Use Case
EBU	Improvement of user interfaces of connected TVs and easy home network setup
US	Accessible Electronic Program Guides
US	Accessible User Interfaces on digital apparatus
US	Accessible Video Description
Japan	Safety Check Service using TV set
China	User interface guidelines for smart TV, tablet and portable multimedia devices
Germany	Telemonitoring of homes to check vital signs and recognize emergencies
Germany	In-house assistance system for lighting and music control
Germany	Electronic „Butler“ with intelligent diary, fitness and telemonitoring function
Germany	Mobile Assistance System for persons with cognitive disabilities when outside their homes
UK	List of EU Research Projects related to smart home technologies & smart TV
UniversAAL	Healthy Lifestyle Service Package, Nutritional Advisor

New Use Cases and Contributions

Committee	Use Case
Japan	Smartphone as pedometer to promote health (incl. in TR AAL WD)
Japan	Health care services for healthy seniors (elderly people) Casual watching (telemonitoring) by the family through the tablet devices Health management in cooperation (not incl. in TR AAL WD)
Japan	24 hours e-telemonitoring (e-mimamori) assist service (not incl. in TR AAL WD)
Japan	Watching family in the distant place by "Happy Sensor" (not incl. in TR AAL WD)
Japan	Monitoring of body composition by TV with Bluetooth communication (not incl. in TR AAL WD)
AALIANCE	Repository of AAL standards relevant for TC 100 (incl. In TR AAL WD Annex D)

Contributions since June meeting

- Japan NC: 5 new use cases, discussion documents AAL and accessibility definition
- US expert contribution (B. Belt)
- DE expert contribution (OFFIS through SG5)
- UK expert contribution and comprehensive list of comments (J. Woodgate)
- AALIANCE project – repository of AAL standards relevant for TC 100

Use Case Clustering (IEC SG5 AAL)

- Communication and social interaction use case scenario (1)
- Entertainment use case scenarios (4)
- Daily life support (1)
- Safety, security and privacy at home Use Case Scenario (0)
- Monitoring, Healthcare and Wellness Use Case Scenario (8)
- Active aging use case scenario (2)
- Mobility use case scenario (1)

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Next Steps

- 26 September 2013 PT 100-7 Meeting Shenzhen
- Discussion of WD TR AAL Use Cases related to AAL in the field of audio, video and multimedia systems and equipment
- Discussion on definitions of AAL and accessibility
- Analysis of required standards and identification of standards gaps
- Development of conclusions and recommendations for TC 100
- Submit TR AAL to NCs (autumn 2013)

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