

SYSTEMS REFERENCE DELIVERABLE



Active assisted living (AAL) guidance for education and training of persons working in the field of AAL



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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 Persons acting in the field of AAL, interfaces, roles, competences and education.....	9
4.1 Overview.....	9
4.1.1 General aspects	9
4.1.2 Relationship between persons acting in the field of AAL	9
4.2 AAL technical assistant.....	10
4.2.1 Role and tasks.....	10
4.2.2 Recommended competencies	10
4.2.3 Training module.....	11
4.3 AAL consultant.....	11
4.3.1 Role and tasks.....	11
4.3.2 Recommended competencies	11
4.3.3 Training module.....	12
4.4 AAL technical expert.....	13
4.4.1 Role and tasks.....	13
4.4.2 Recommended competencies	13
4.4.3 Training module.....	14
4.5 AAL formal carer.....	14
4.5.1 Role and tasks.....	14
4.5.2 Recommended competencies	15
4.5.3 Training module.....	15
5 Ongoing education and training	16
6 Trainer.....	16
7 Training and qualifying institutions.....	17
Bibliography.....	18
Figure 1 – Relationship between persons acting in the field of AAL.....	9

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ACTIVE ASSISTED LIVING (AAL) GUIDANCE FOR EDUCATION AND
TRAINING OF PERSONS WORKING IN THE FIELD OF AAL**

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Draft	Report on voting
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Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this SRD is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at <http://www.iec.ch/standardsdev/publications>.

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INTRODUCTION

A person's competencies are an essential factor that will affect the performance and effectiveness of care. It is important to ensure that persons operating the AAL systems are competent based on the appropriate education, training, or experience.

The knowledge and skills of persons working in the AAL field will affect the performance and effectiveness of an AAL system. These skills will include system integration, configuration, installation, maintenance, and other services in the AAL system life cycle. Knowledge on the principles of safety, security, privacy, reliability, usability, accessibility, and ethical principles for AAL users is also important.

In order to ensure the competencies of persons working in AAL, it is important for them to complete particular education and training courses related to demography, assistive technology and AAL systems based on a minimum curriculum to obtain the necessary knowledge and skills.

This document aims to:

- identify and detail roles and responsibilities for persons working in AAL;
- identify the professional skills and educational levels for persons working in AAL;
- provide guidance for the education and training in AAL systems, as well as help the AAL stakeholders choose, develop, build, use and maintain the system and service;
- provide guidance for AAL service providers to manage the competence of their personnel by developing appropriate training to meet the needs of the AAL system and service.

ACTIVE ASSISTED LIVING (AAL) GUIDANCE FOR EDUCATION AND TRAINING OF PERSONS WORKING IN THE FIELD OF AAL

1 Scope

This document provides guidance on the vocational education, training, and required competencies for persons working in the AAL field. For the purposes of this document persons working in the AAL field are referred to as AAL working persons.

The AAL technical assistant, AAL consultant, AAL technical expert, and AAL formal carer are considered as AAL working persons.

For the AAL informal carer, this document can be a reference when their training and experience are developed and/or evaluated.

NOTE 1 AAL technical assistants, AAL consultants, AAL technical experts, AAL formal carers usually belong to an AAL service provider, product manufacturer, system integrator, or other organization.

NOTE 2 In some countries, there can be deviations with this document.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050-871, *International electrotechnical vocabulary – Part 871: Active assisted living (AAL)*

IEC TS 63134, *Active assisted living (AAL) use cases*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60050-871 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO online browsing platform: available at <http://www.iso.org/obp>

3.1

AAL

active assisted living

concepts, products, services, and systems combining technologies and social environment with the aim of improving the quality of people's lives

[SOURCE: IEC 60050-871:2018, 871-01-02, modified – Deprecated term omitted.]