IEC SRD 63314

SYSTEMS REFERENCE DELIVERABLE

colour inside

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

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

Warning! Make sure that you obtained this publication from an authorized distributor.

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

_____

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

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.

3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.

4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.

5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.

6) All users should ensure that they have the latest edition of this publication.

7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.

8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.

9) IEC draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). IEC takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, IEC had not received notice of (a) patent(s), which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at https://patents.iec.ch. IEC shall not be held responsible for identifying any or all such patent rights.

IEC SRD 63314 has been prepared by IEC SyC AAL: Systems Committee on Active Assisted Living. It is a Systems Reference Deliverable.

The text of this SRD is based on the following documents:

Draft	Report on voting
SyCAAL/340/DTS	SyCAAL/367/RVDTS

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.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

IMPORTANT – The "colour inside" logo on the cover page of this document indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

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*