

# SYSTEMS REFERENCE DELIVERABLE



**Safety aspects – Guidelines for adult AAL care recipients in standards and other specifications**



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**Safety aspects – Guidelines for adult AAL care recipients in standards and other specifications**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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**SAFETY ASPECTS – GUIDELINES FOR ADULT AAL CARE RECIPIENTS IN STANDARDS AND OTHER SPECIFICATIONS**

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The text of this Systems Reference Deliverable is based on the following documents:

Draft	Report on voting
SyCAAL/370/DTS	SyCAAL/374/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 Systems Reference Deliverable 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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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## INTRODUCTION

As the world population continues to experience increases in physical and cognitive limitations, a thorough understanding of the special needs/concerns of the active assisted living (AAL) care recipients is important so that these aspects can be considered in the development of technology and service standards. Ensuring the safety of an AAL user is a shared responsibility. Injury prevention can be addressed through design, engineering, manufacturing controls, legislation, education and raising awareness. These guidelines aim to provide information for consideration by providing specifications related to areas identified based on an extensive series of AAL use cases.

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# SAFETY ASPECTS – GUIDELINES FOR ADULT AAL CARE RECIPIENTS IN STANDARDS AND OTHER SPECIFICATIONS

## 1 Scope

This document supports the experts in identifying hazards when developing and revising standards, specifications, and similar publications that deal with products and services for adult AAL care recipients. This document aims to address potential sources of bodily harm to adult AAL care recipients from products they use or are likely to contact, even if not explicitly intended for adult AAL care recipients.

This document provides valuable information for stakeholders in the absence of a specific standard.

Stakeholders can include auditors, safety inspectors, product designers, architects, interior home designers, installers, etc.

## 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)* (available at [www.electropedia.org](http://www.electropedia.org))

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.

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- IEC Electropedia: available at <https://www.electropedia.org/>
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### 3.1

Link  
combination of the probability of occurrence of harm and the severity of that harm

[SOURCE: IEC 60050-351:2013, 351-57-03]