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# SYSTEMS REFERENCE DELIVERABLE



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**Active assisted living (AAL) use case standards inventory and mapping**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**ACTIVE ASSISTED LIVING (AAL) USE CASE  
STANDARDS INVENTORY AND MAPPING**
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The text of this Systems Reference Deliverable is based on the following documents:

Draft SRD	Report on voting
SyCAAL/332/DTS	SyCAAL/338/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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- reconfirmed,
- withdrawn, or
- revised.

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## INTRODUCTION

IEC systems committee Active Assisted Living (SyC AAL) was formed to develop solutions to help AAL users of any age to live independently for as long as possible. AAL International Standards provide guidance for systems to be developed to ensure independent living. AAL develops systems based on the criteria of individual use cases. AAL systems are compilations of components, systems, and services from multiple vendors and service providers and contain a large variety of hardware and software systems, including medical devices, wellness devices, network hubs, IT systems, home monitoring devices, smart home technology, etc.

The task of AAL is to develop standards considering products, services, systems, safety, security, privacy, usability, accessibility, performance, and interoperability.

This document describes the process of identifying, compiling, and maintaining an inventory of international standards applicable to AAL systems. This document also describes the process of mapping international standards to individual use cases and identifying any gaps in the coverage of these international standards.

## **ACTIVE ASSISTED LIVING (AAL) USE CASE STANDARDS INVENTORY AND MAPPING**

### **1 Scope**

The purpose of this document is to describe the process of building an inventory of international standards based on use cases, mapping these international standards to individual use cases, and providing a visual representation in the IEC mapping platform.

This document identifies the main categories of international standards applicable to AAL systems and applies these international standards to AAL components and the complete AAL system.

Although there are national and regional standards that can address parts of AAL systems, this document will focus only on standards developed at the international level (e.g., IEC, ISO, ITU-T).

### **2 Normative references**

There are no normative references in this document.