



TECH STANDARDS FOR THE AGING

HELLO IEEE LIFE MEMBER! YOU'RE AN EXPERIENCED USER OF TECH SOLUTIONS FOR THE AGING. THINK THEY CAN BE BETTER?

WHAT IS AGETECH?

AgeTech refers to technology designed to meet the needs of older adults, aiming to enhance their quality of life, independence, and overall well-being. This field encompasses a wide range of products and services. Examples include health and wellness monitoring, tools that aid in daily living, smart home solutions, social connectivity, cognitive support, mobility, home care robotics, and financial management. Older adults represent a large and growing proportion of society. Globally, the percentage of persons 65 or older is projected to grow from 13% in 2019 to 17% in 2030 and 21% in 2050.

THERE ARE GAPS IN STANDARDS – HELP FILL THEM!

While many standards have been developed to ensure products are accessible for people with disabilities, few standards exist today that address the unique issues associated with aging users. The IEEE has recently launched the Technology Standards for the Aging (IEEE AgeTech) activity to accomplish three goals. First, it will identify what new standards need to be developed. The standards should help ensure that AgeTech products and services are easy to use by older adults, can interoperate with one another, and are safe and secure. Second, the activity will plan a product certification program for AgeTech to increase market assurance. Third, it will facilitate access to publicly available data sets (through the IEEE DataPort) to support research and development of AgeTech products and services.

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IEEE SETS STANDARDS

IEEE is the world's largest technical professional society, with over 400,000 members in 160 countries. IEEE's 47 technical societies and councils span many technologies used in AgeTech, such as engineering in medicine and biology, computers, communication, consumer technology, robotics and automation, and intelligent transportation. For over a century, the IEEE has brought together experts in its many technical fields to develop standards. Standards committees operate in an open, fair, transparent and balanced consensus process. IEEE standards are globally recognized as authoritative and used widely in industry. IEEE standards are frequently adopted as national standards and referenced by governments. Currently, IEEE publishes over 1200 active standards, and 900 new standards are in development.

VOLUNTEER AND GET INVOLVED!

As an IEEE Life Member, you are an experienced user of AgeTech. Your insights on needs and requirements can make an important contribution to the development of new standards. We invite you to become involved in IEEE's work to improve technology solutions for the aging. The focus of the activity right now is on identifying needs and requirements, so you do not need to be a technical expert in standards to make an important contribution. There is no cost to participate, and you can participate virtually through electronic means.

PARTICIPATE IN ANY OF FOUR AREAS

The AgeTech activity has four subcommittees that you can join to provide input. They are: **STANDARDS NEEDS** – recommend what new standards are needed for AgeTech products and services. The types of standards that might be considered include usability/human factors, interoperability, measurement, safety, security, and terminology. **CERTIFICATION** – investigate whether a certification program would be helpful to ensure that market implementation of AgeTech products and services conform to relevant standards and interoperate to increase market confidence. **DATA SETS** – facilitate the submission of publicly available data sets that would support development or research of AgeTech. Submitted data sets would be made available to the public through the IEEE DataPort. **COMMUNICATIONS** - conduct outreach, webinars, workshops and special events to encourage participation and communicate results to stakeholders.

**TO PARTICIPATE, PLEASE GO ONLINE
AND FILL OUT THE INTEREST FORM AT**

<http://bit.ly/3Aw7Lt3>