7 November 2022

We have released a framework to promote innovation and development of safe and effective Artificial Intelligence (AI)-enabled Assistive Technology (AT).

AI technology can help to boost independence and increase community participation for people with disability.

But not all AI is right for everyone and there is often limited guidance on its use.

The CSIRO's Australian eHealth Research Centre developed the framework, which focuses on six key principles:

- user experience
- value
- quality
- safety
- privacy and security; and
- human rights.

The framework draws on current guidelines and assessment frameworks, and feedback from interviews with NDIS participants, their families, carers and other supporters and focus groups with industry and service providers.

The framework will assist the NDIS to guide AI-enabled AT market development and support better matching of technologies to a person's individual needs.

The framework will be used to create resources to help compare the risks and benefits of emerging technologies.

The framework can also be used by:

- people with disability and their communities to help decide if AI-enabled AT is right for them
- developers and researchers as they design, create, and evaluate AI-enabled AT for people with disability
- funding bodies to support assessment of research funding applications.

We will work together with users, families, carers, industry and the disability workforce as we progress this initiative.

The framework is now available to on the markets and research innovation page .

Related articles

Category

- News

New Guides for understanding supports: Supporting your child with assistive technology

Date
15 September 2023

Assistive technology interventions to support children

Date
16 January 2024

Simpler process to improve NDIS Assistive Technology

Date
28 February 2019

Read more news