



The role of ICT in the process of care

UNIT 4: “MY NEW AGEING ME” INTERACTIVE TRAINING PLATFORM
MODULE 4.1



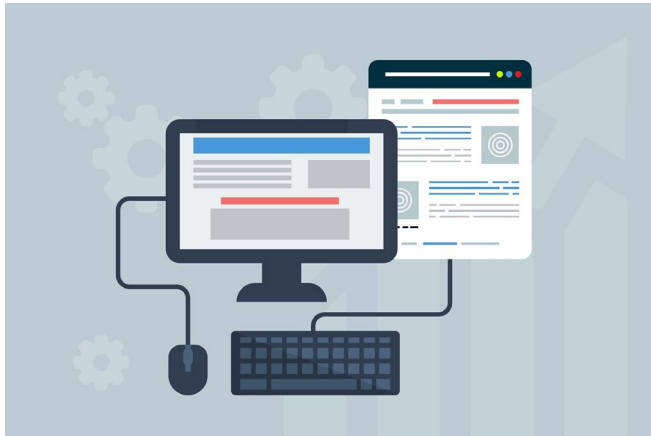
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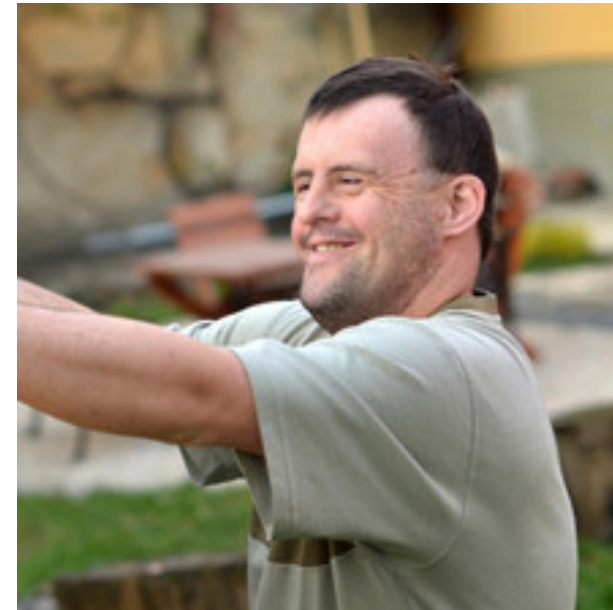


Overview

Information and Communication technologies (ICTs)



Human right in the Convention on the Rights of Persons with Disabilities



Source: St Joseph's Foundation www.stjosephsfoundation.ie

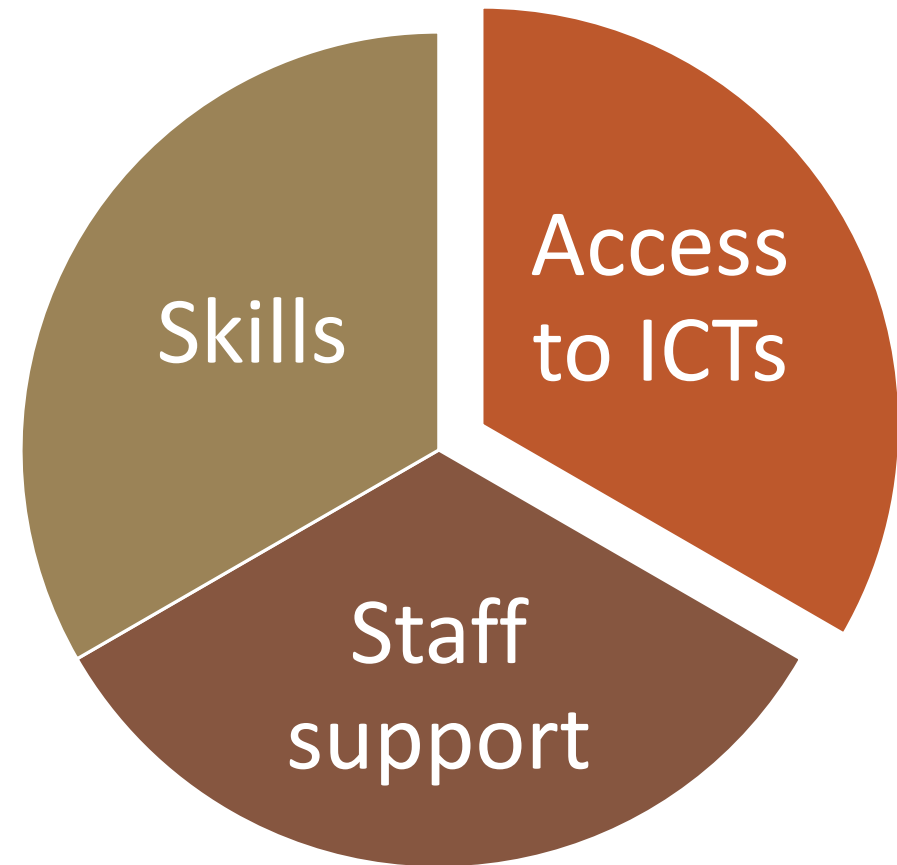
Digital divide

Use of ICTs

Access to technologies in residential homes Vs rest of the population

Daily support from staff or others is crucial to facilitate the access ICTs

Clear roadmap to increase the participation of the users and staff members with adequate supporting skills and training



Use of ICTs



Source: familydoctor.org

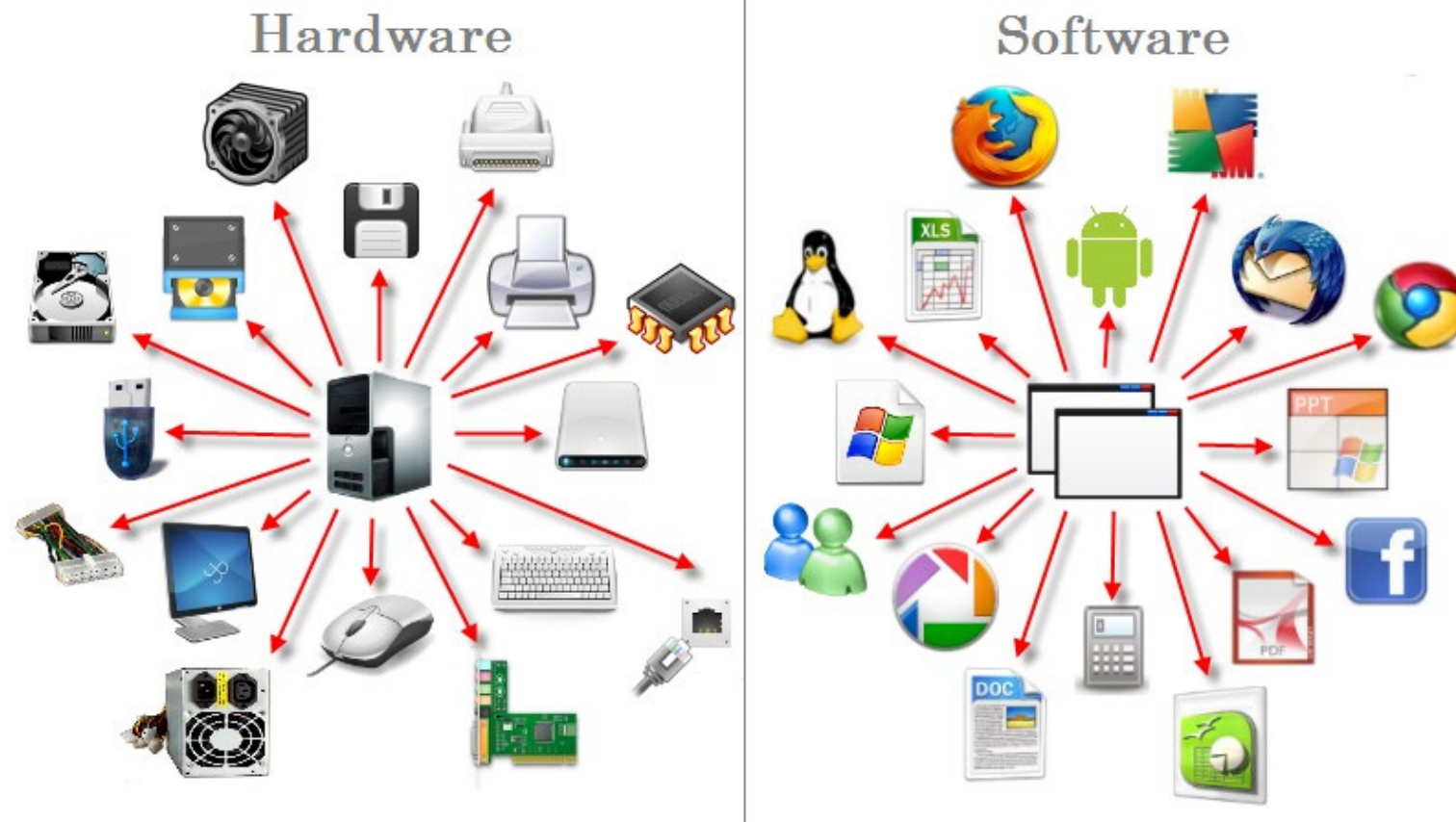
AAWID will find difficulties

Needs of developing a comprehensive strategy

Currently there is a lack of organizational support and comprehensive strategies.

Ramsten C et al. ICT and Intellectual Disability: A Survey of Organizational Support at the Municipal Level in Sweden. J Appl Res Intellect Disabil. 2017 Jul;30(4):705-713.

Types of ICTs



Source: www.c3po.es

Types of ICTs



Apps in smartphones and tablets



Computer applications



Local and web applications



Virtual reality



Body tracking technologies (games)

Benefits of using ICTs

- Features of ICTs:
 - Personalization and individualization
 - Stimuli and immediate feedback
 - Follow-up and monitorization
 - Low cost

- Positive effects on:
 - Working memory
 - Visual an spatial memory
 - Information processing speed



Conclusions

ICTs are a promising tool to support and assist AAWID

The use of ICT should be part of a strategic plan

There are several types of ICTs and the selection should be fit for the specific purpose of the activity





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