

Digital Single Market

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BrainAble 2012 - Second year of the project

The European R&D project BrainAble aims at improving personal independence and social constraints of people with physical disabilities, raising the possibility of interacting with their environment through the design of Human-Computer interfaces formed by sensors that measure the physical and emotional state (emphasizing the use of Brain-Computer interfaces (BCI)) of a person, combined with virtual environments and the connection of these interfaces with smart homes and social networks. The final objective is to improve social inclusion and the quality of life of persons with disabilities exceeding two barriers: the interaction of the person with your social and physical environment.

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