WaveMeIn

WaveMeIn is a research project to investigate the feasibility of using human brain waves for access control. It includes basic research on the uniqueness of a person's brain waves as well as the uniqueness and recognition of brain wave patterns of different thoughts. After the first stage of this project where the basic research on the questions mentioned above will be done, the focus of the project will be shifted towards designing and implementing a working prototype called Wavy. This prototype needs to be capable of detecting brain waves at the ears of the user and analysing the data while being light and unobtrusive, comparable to small Bluetooth headsets available today.

Key Notes

Goal	Develop a small wearable device for access control via brain waves to enhance security and usability.
Duration	3.5 Years
Personel	1 Project Manager 1 Quality Manager 2 Hardware Engineers 2 Software Engineers 2 Neuro-science Engineer 2 Computer-science Engineer
Costs	1.2 million euros
Advantages	More secure than existing access methods Small device Easy to use Usable with any Bluetooth device