WISP

BEL's **WISP (Wireless Interface Sensor Pod)** has been designed based on initial studies with **High Density EEG** using the **BEL EEG System One**, reflecting our commitment to an ecosystem of technology for human brain electrophysiology. With this knowledge from **HD EEG** and studying the optimal electrode locations for **Transcranial Electrical Stimulation (TES)**, we designed the lightweight **WISP EEG headband**, bringing both **EEG measurement** and **TES stimulation** for many applications in human research, in sleep and waking.

Easy self-application

User-friendly interface

Enhance deep sleep

A successful study of our Sleep Therapy was published in Sleep Medicine, where participants lengthened the amount of time in deep sleep, or N3 sleep (Hathaway et al 2021).

BEL Company has been awarded grants from the *Department of Defense (DoD)*, in a study to improve deep sleep and optimize performance of military personnel, and from the *National Institute of Aging (NIA)* to improve deep sleep in patients diagnosed with Mild Cognitive Impairment.

BEL
Brain Electrophysiology Lab

Neurosom
Electric Sleep Therapy