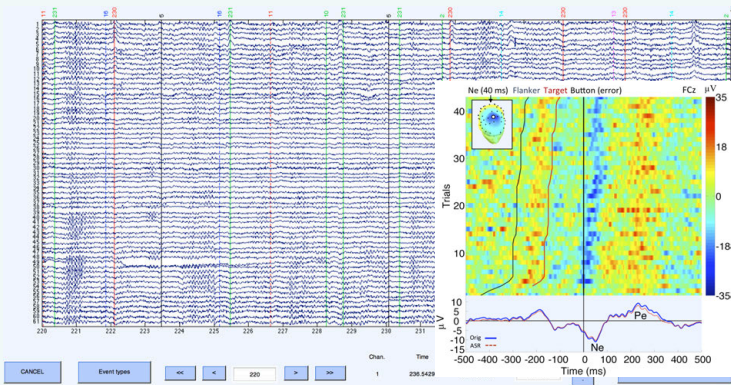


COGNIONICS DATA ACQUISITION SOFTWARE

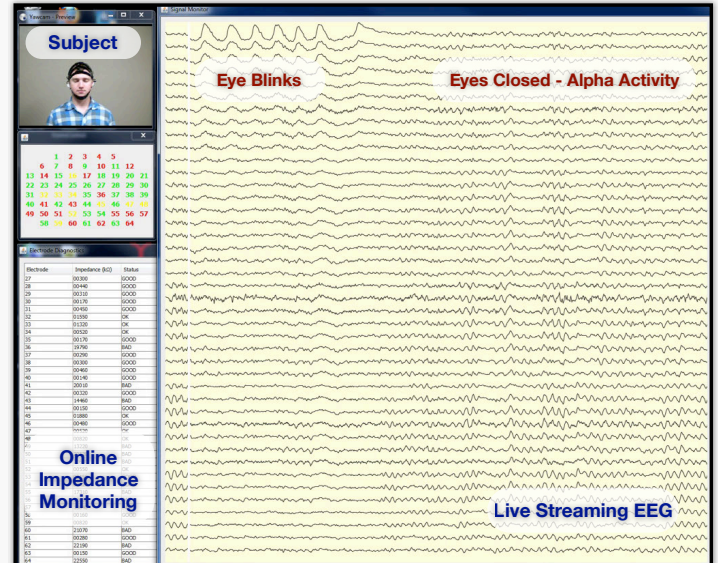
- Multi-platform support: Windows and Mac OS X
- Integrates with Cognionics custom Bluetooth wireless interface for hassle-free connections and reliable data streaming
- Real-time monitoring of EEG signals and electrode impedances
- Saves EEG in standard data formats for easy importing into MATLAB and other analysis packages
- Flexible system with GUI-based tools as well as an easy-to-use API for raw data access directly to the headset.

Industry Standard Data Output



Sample data saved and loaded into EEGLab with 64-channels of EEG and event markers. A sample averaged ERN, from a Flanker task, is plotted along with a corresponding scalp map. The high signal quality of Cognionics system is evident in the clear ERN response, in both the total average and each single trial. The experiment was conducted using Cognionics dry electrodes, mobile headset and wireless triggering system.

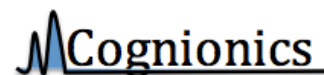
Simple and Reliable User Interface



Cognionics data acquisition software offers a simple and intuitive user interface for connecting to the hardware, setting up the subject and saving EEG data. A real-time and continuous readout of electrode impedance helps experimenters with subject set-up and ensuring a clean recording throughout the session. For custom applications, Cognionics can provide an API and data spec upon request to access raw EEG signals live.

| | |
|--------------------|----------------------------------|
| Supported OS | Windows and Mac OS X |
| Processor | > 2.0 GHz |
| Memory | 4 GB |
| Data Output Format | Persyst .lay, raw binary samples |
| MATLAB Support | import script included |
| Raw Data API | provided upon request |

Contact Information:



info@cognionics.com

Cognionics systems are for research and evaluation only. Signals should not be used for medical diagnosis.