

biosignalsplux

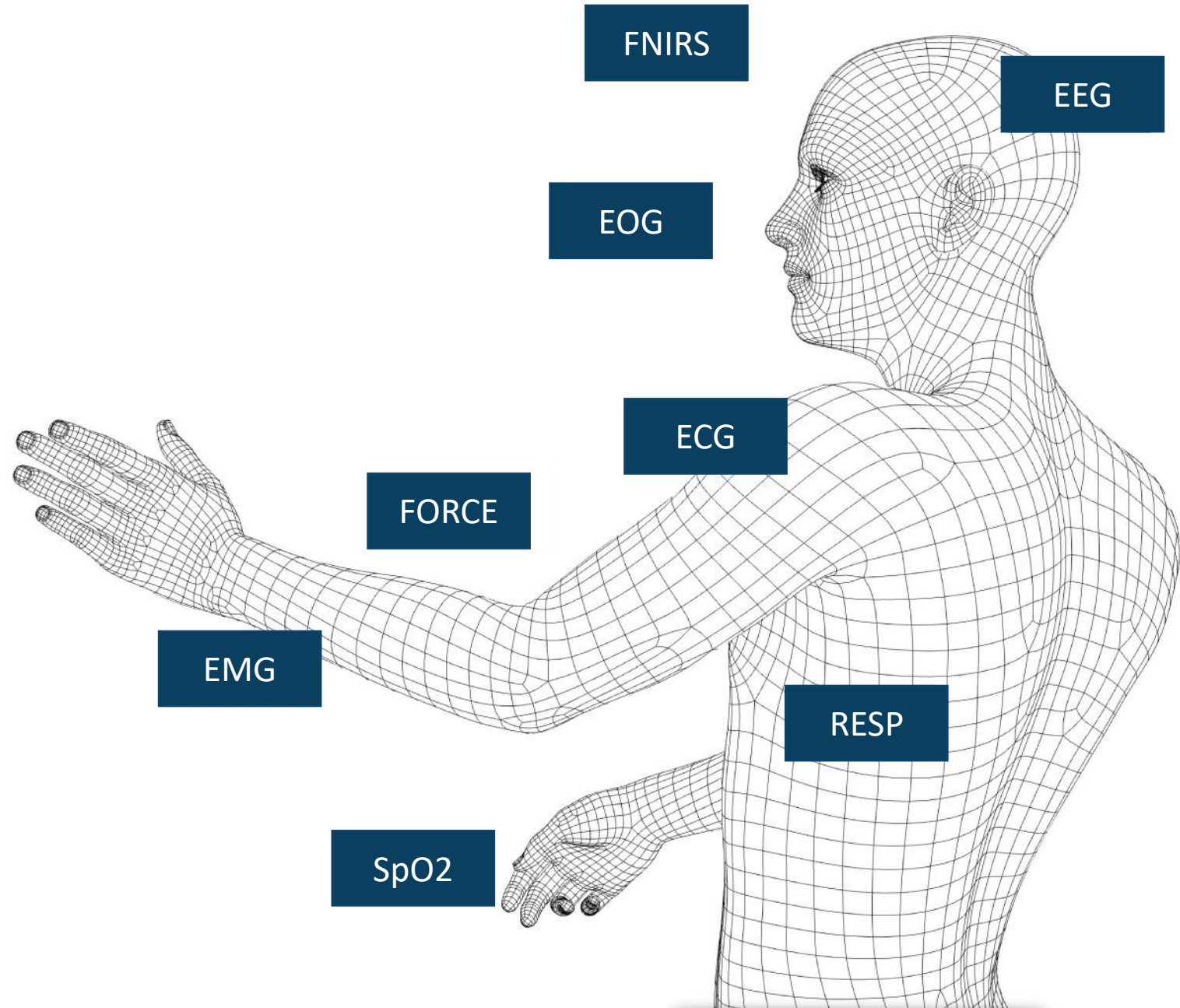
THE MOST VERSATILE PLATFORM FOR BIOSIGNAL R&D

10+ KITS

20+ SENSORS

8 APIS

UNLIMITED POSSIBILITIES



What is biosignalsplux?

biosignalsplux is the most versatile platform for the acquisition of physiological signals for biosignal R&D applications.

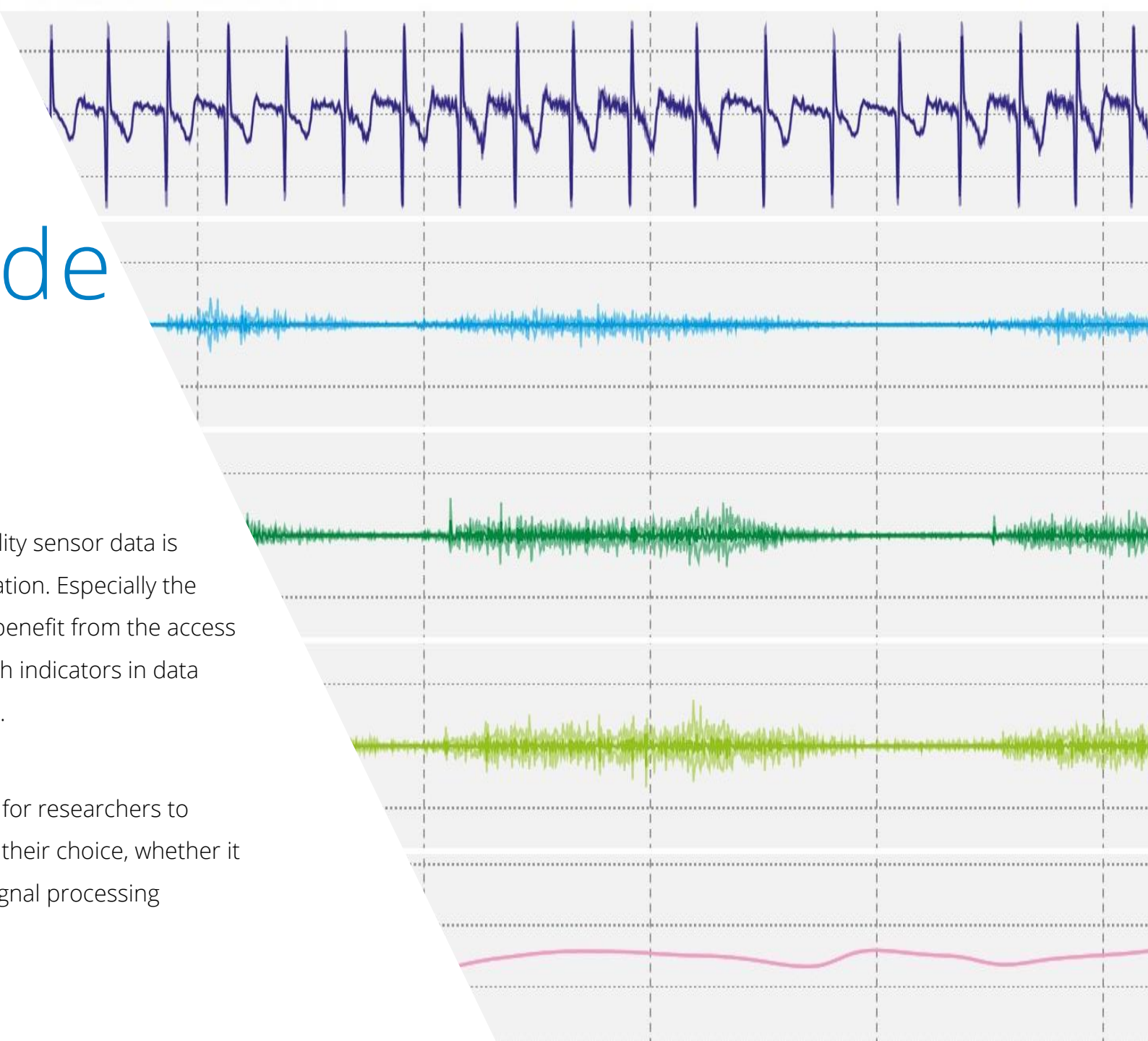
Most biosignal recording solutions are designed for single sensor data acquisitions, which can be limitative in multi-modal research applications. biosignalsplux overcomes such limitations by offering devices for simultaneous & synchronous data acquisitions using up to 8 sensors per device. In addition, its continuously growing portfolio of over 20 different interchangeable sensors, allows researchers & developers to create multi-sensor setups that are tailored to their research needs.



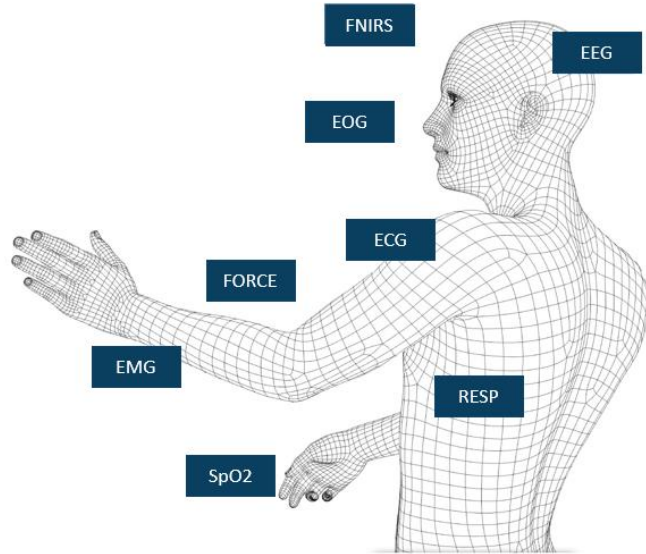
Medical-Grade Raw Data

Working with raw, unprocessed, and reliable high-quality sensor data is essential in biosignal research applications and innovation. Especially the increasing development of AI-powered solutions can benefit from the access to unprocessed sensor data by revealing hidden health indicators in data segments that pass unnoticed by human analysis.

We aim to provide reliable medical-grade sensor data for researchers to have full control over the data processing methods of their choice, whether it is conducted via AI-powered solutions or traditional signal processing methods.



How does it work?



1. Select your sensors

Every research project is different. With biosignalsplux, you can select only the sensors that you need for your research. Whenever you switch a project, you can simply add or remove any sensor type as needed.



2. Connect your sensors

Select a kit that suits your sensors needs. Whether you need only 1, up to 4, or even up to 8 sensors simultaneously, biosignalsplux offers a variety of devices with 1, 4 and 8 sensor input connections.



3. Record your biosignals

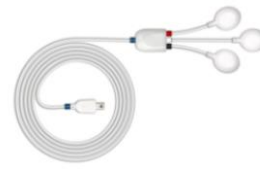
Connect your biosignalsplux device via Bluetooth to a device running Windows, macOS, Linux, or Android and record data using our [OpenSignals solutions](#) or develop your own software using the [PLUX APIs](#).

Sensor Portfolio

Benefit from a continuously growing portfolio of medical-grade sensors.



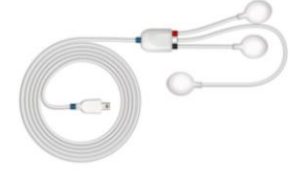
Electromyography (EMG)



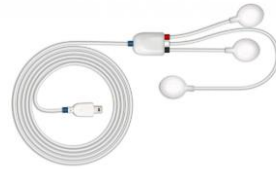
Electrocardiography (ECG)



Electrodermal Activity (EDA)



Electroencephalography (EEG)



Electrooculography (EOG)



Electrogastrography (EGG)



Accelerometer (ACC)



Temperature (TEMP)



FNIRS⁽²⁾



SpO2 (Finger Clip)⁽²⁾



SpO2 (Versatile)⁽²⁾



Respiration (RIP)



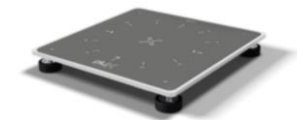
Vaginal EMG (V-EMG)



Blood Volume Pulse (BVP)



Load Cell



Force Platform

[More sensors available on www.biosignalsplux.com](http://www.biosignalsplux.com)

Application Programming Interfaces (APIs)

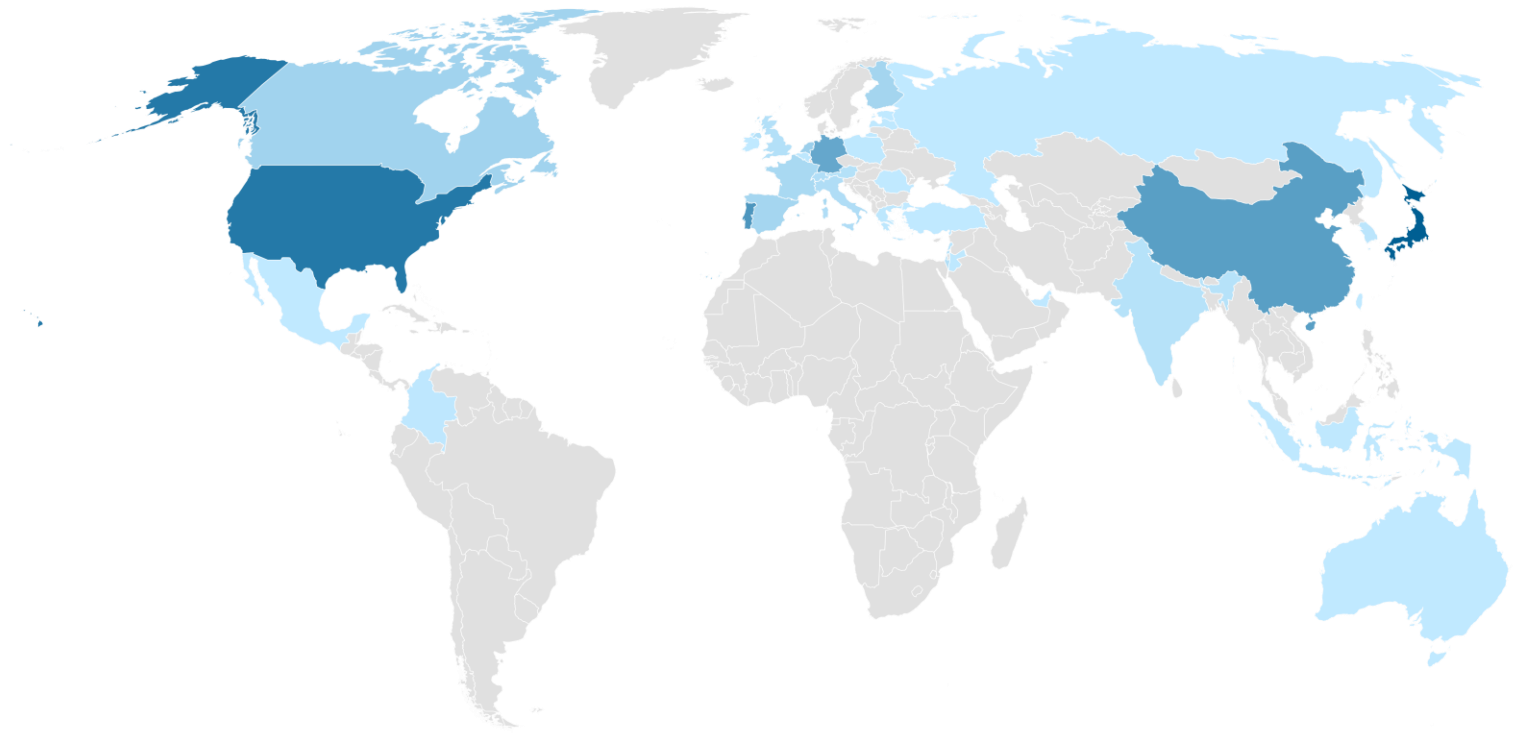
Take advantage of all biosignalsplx features in your own software. The PLUX APIs are available for a selection of the most popular programming languages and provide full access to all biosignalsplx features without the need of our OpenSignals software.

Visit our [GitHub Repositories](#) to find our APIs, sample apps, and more.



Join Our Biosignals Journey

Join our user base with currently over 600 research institutions and companies of active PLUX product users and find out more about us on www.biosignalsplux.com and www.plux.info.



bio**signals**plux

IS POWERED BY



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