



[Join In](#)
[Download](#)
[Research](#)
[Support](#)
[Purchase](#)
[Blog](#)
[Members](#)

[Home](#)
[About](#)
[Technology](#)
[Products](#)
[Applications](#)
[Contact](#)
[News](#)
[View Cart](#)

Username
<input type="text"/>
Log In

## Applications

- Kinematics
- Biophysical
- Ambient
- OEM Solutions

The Shimmer platform can be used in a wide variety of projects, products and service applications. This is largely due to the platforms open and highly configurable nature – allowing the platform to be tailored to the users’ specific requirements, whilst being designed to easily integrate and interact with existing technologies and systems infrastructure.

Originally developed for Connected Health and Assisted Living Solutions, Shimmer is now used in a broad variety of applications. Please see some typical applications listed below:

- |   |  |
|---|--|
| Healthcare  | Ambient Sensing Solutions                          |
| Product Development and Wireless Sensor Peripheries | Remote Patient Monitoring and Assistive Technology |
| Rehabilitation                                      | Environmental Sensing Solutions                    |
| Sports Science + Athlete Development                | Market Research and Biofeedback                    |
| Teaching and University Programs                    | Biomechanics and Inertial Measurement Unit         |

...of course, these are just some of the applications shimmer is used in. We regularly hear of new applications, research and product development projects from users of the platform as they continue to sense with Shimmer.

Please follow the links for some of the further application uses for Shimmer across our product categories:

- [Kinematics](#)
- [Biophysical](#)
- [Ambient](#)
- [OEM Solutions](#)

### Why Sense with Shimmer?

Whether you are looking to integrate wireless sensing into your existing product or service, develop a new product to capture the next big wave in computing, or wish to set up a research application – Shimmer provides the solution for you. From a range of Lab Development Kits right through to an OEM development program, Shimmer Research has leading expertise in application development, technical support and systems integration. Below are some of the main reasons why you should Sense with Shimmer!

**Highly configurable:** With the facility to program the platform to meet your data capture and transfer requirement, Shimmer can be tailored to your specific product or application need.

**Open source:** All code and firmware is freely available online to leverage existing knowledge and advance your application.

**Easily integrates and interacts with existing technologies:** Shimmer has a suite of technologies that offer compatibility with a wide variety of sensor and system technologies:

**No proprietary software:** Shimmer provides all the raw data capture to the user, so the data can be fully interpreted, utilised and applied to your product or application's area of focus.

**Class leading features:** Small form factor, very light weight (battery + baseboard = 15g), low power consumption.