

B-NEO: THE NEXT GENERATION SMART SENSOR SYSTEM

The Idea

- ? Which kind of technology can make a sustainable difference in our day-by-day lifestyle?
- ? Make us feel better, and make our lives healthier, smarter, safer, and richer?
- ? Whether you drive, walk, work out, game, spend family time, or even sleep?

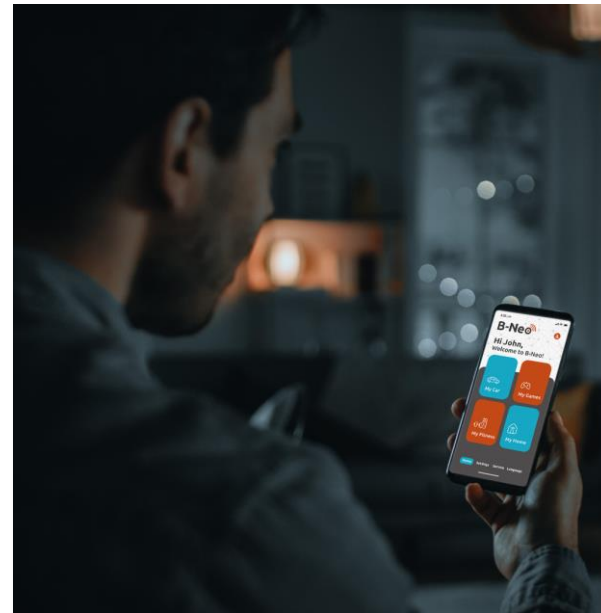


Our answer is B-Neo, the next-generation sensor system by B-Horizon. Together with selected partners, we create innovative products for the needs and desires of tomorrow's customers.

The Technology

Based on its new and unique technology, B-Neo is able to measure multiple parameters simultaneously and can be applied to a wide range of products.

The direct integration of the extremely flat yet resilient sensors in flexible materials makes the production process efficient and economic.



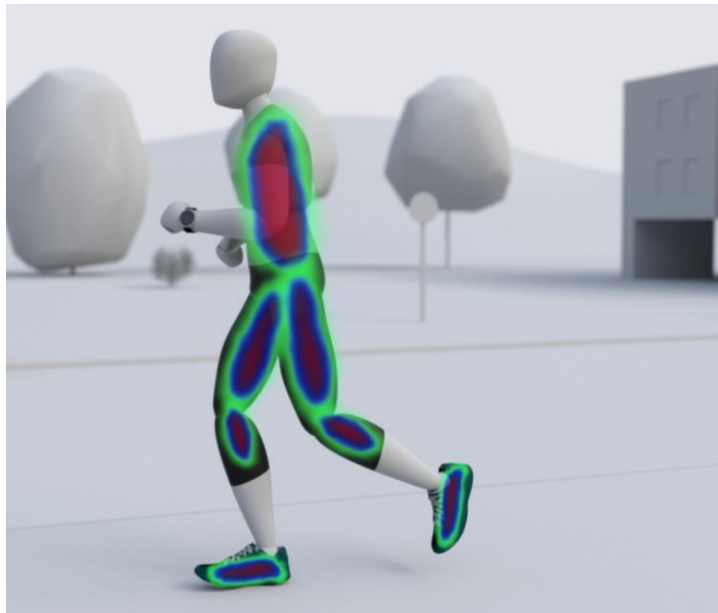
The data captured by the sensors are being structured with support of artificial intelligence (AI) and processed specific to the respective application.

The output is provided to the user's smartphone, smartwatch, or a larger screen through the B-Neo App, depending on the user's preference and type of application. The B-Neo technology and its potential applications are protected by multiple patents in the EU, USA, and other countries.

APPLICATION EXAMPLE FITNESS

Fitness

B-Neo sensors can be integrated in the sole of running and training shoes, to send feedback to the athlete on his running technique and movements. Besides the precise tracking of steps, distance, and speed, B-Neo measures also the training intensity and effectiveness, provides recommendations for continuous optimization through the app, and may even reduce the risk of injuries.



The sensor system integrated in smart textiles like body fitting yoga and athletic wear, enables the monitoring of movements through the measurement of pressure, muscle contractions, and further parameters. The user can retrieve analyses and tips on his smartwatch or screen in real time, to evaluate and optimize his activities.

The Company



„In tomorrow’s world, intelligent sensors will be increasingly needed: especially in vehicles, yet also in many other areas of our life. Together with our partners we develop innovative concepts and products that cater to the future demands of the markets.“

Mohammad Kabany,
Founder and CEO

B-Horizon GmbH is a company for sensor and semiconductor development, and micro-electronics quality management. Passion for technology and our competence are the foundation of the success that we achieve together with our clients and partners.

**Experience the Future of Smart Living.
B-Neo. Be new. By B-Horizon.**

www.b-neo-sensors.com

info@b-horizon.com

+49 941 2060 2500