

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?

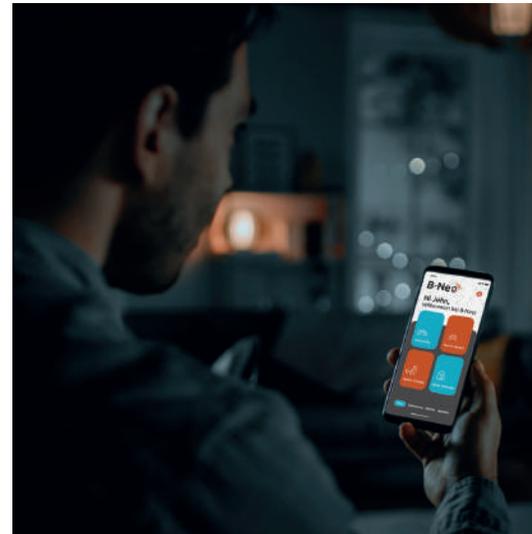


Our answer is **B-Neo**, the next generation sensor system by B-Horizon. Together with selected partners, we create innovative products for the needs and desires of tomorrow's customers.

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 GAMING



The B-Neo Gaming Glove

In the growth area of gaming and virtual reality, intelligent sensors will be required for the new generation of gaming wear. B Neo can be integrated modularly into gaming suits, shoes, and gloves, to enable precise capturing of movements and impact strength, leading to effective and intuitive control of the game.



B-Neo sensor system integrated in gloves



B-Neo as a virtual skin empowers the gamer to experience a new kind of gaming flow with unique and authentic interaction, visualized through VR or AR glasses. After the game, each player can get a targeted analysis and can improve his technique continuously with the app. Moreover, movement capturing through the B-Neo sensor system enables and enriches the journey in the metaverse from anywhere, making it even more adventurous.

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.**

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