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Austin, TX, April 25th, 2021 - Zeit Technologies LLC (www.zeittech.io), a startup technology company currently focusing on the development of a gesture-based cutting edge device, announces today the release of its debut product, the Omniband.

THE OMNIBAND: A NEW WAY TO INTERFACE

Through a motion sensor, the device captures the rotation and orientation of the wrist. Converging this with a unique combination of sensing components, accurate detection of hand gestures is realized.

The Omniband is an **innovative product** able to **track the movements of the hand** by pairing a resistive based sensor with a special kind of capacitive sensing system, as well as the latest Invensense MEMS sensor. Wireless communication is achievable via Bluetooth, BluetoothLE or Wi-Fi; **it can easily be paired with any technology**, such as desktop computers, video games, smart TVs, robotics, prosthetics, and so much more.

Jessie Gashler, Pedro Ziese, and Alexis Cavichini are the three minds making the Omniband a reality. In collaboration since 2019, they intend to expand the business and bring the device to the world. **The device is not limited to one market**, which means it can be further developed according to the necessities of the enterprise that purchases a license.

The Omniband offers **various applications**. For example, it can be paired with a **robotic manipulator arm** and used to perform dangerous jobs remotely, keeping workers safe from harm. With the care and sensibility of the human touch, the Omniband makes designing **3D prototypes** a personalized experience, as well as being life-changing to people with disabilities. Promoting **inclusiveness** and **accessibility**, the wristband's uses range from sign language recognition by an AI, to being paired with a prosthesis for improving the mobility provided by current technologies.

Gashler, whose educational background ranges from advanced mathematics to robotics and programming, is **the brain behind the band**. He worked very closely with electronics, both as a hobby and as an industrial electronics maintenance technician, which inspired him to ask himself if he could make a mouse move **just by using a motion sensor**. The concept was shared with Pedro Ziese, a close friend and a **business major** at Tiffin University in Ohio. Combining Ziese's **management skills** with Gashler's **scientific and interrogative mind**, the Omniband was born. Then, Cavichini, who is a **real estate attorney and entrepreneur**, came in as a new partner and investor; as a final piece to allow the creation of the product's first prototype.

Having secured the patent for the device, Gashler, Ziese, and Cavichini are **looking to license the Omniband** to interested parties, that wish to utilize the technology or develop their own specialized applications **for making life — and business — simpler and better**. For more information, please contact Zeit Technologies at contact@zeittech.io.