

## **JIB partners with Sculpteo to make 3D printing more accessible to persons with disabilities**

*The new JIB EYES provides a personalized user experience for people with motor disabilities*



Paris, France, Monday September 16th 2024 - **Sculpteo, the leader of online 3D printing is proud to announce its partnership with JIB, an innovative company specializing in advanced technological solutions for people with motor disabilities. This collaboration led to the development of a 3D-printed device, with Sculpteo providing a special case for the same. Sculpteo's customized case allows the JIB EYES device to be adapted to the specific needs of each disabled person. This announcement provides further proof of expanding applications of 3D printing in the medical field, with Sculpteo being ISO 13485-certified for the manufacture of medical devices components**

3D printing specialist Sculpteo is working with JIB to produce a device incorporating an eye camera and a tablet to facilitate non-verbal communication for people suffering from conditions such as multiple sclerosis (MS), Charcot's disease or other such disabilities.

## JIB EYES, a technological feat made possible thanks to 3D printing

The device features an innovative eye camera, allowing people unable to communicate verbally to select letters or pictograms using their eye movements.

This technology offers users an invaluable means of communicating on a daily basis with their loved ones and caregivers. It also provides access to simplified apps such as social media, instant messaging and Internet browsing.

This shock- and drop-resistant case has been specially manufactured by Sculpteo in Ultrasint TPU 01, using Multi Jet Fusion technology.

Having a resistant cover that protects the tablet and the eye camera, means that people with multiple disabilities can concentrate effortlessly on communicating with their loved ones.



Thomas Groell, CEO and co-founder of JIB: *“Thanks to technology, we are making the world more accessible to people with disabilities. Sculpteo’s case allows us to go even further, and allow us to design customized and durable devices simplifying our users’ daily lives.”*

This partnership between Sculpteo and JIB opens up new perspectives for designing devices whose design evolves according to the needs of each user.



The use of TPU 01 confers durability, resistance and flexibility to the parts designed by Sculpteo, with excellent damping capabilities - an indispensable asset in the production of medical equipment.

Alexandre d'Orsetti, CEO of Sculpteo: *"We're delighted to be partnering with JIB, whose cutting-edge technologies and expertise in serving people with disabilities give a new meaning to 3D printing. With them, we look forward to designing unique devices or small series, adapted to each condition."*

### **About Sculpteo**

Sculpteo, a pioneer and specialist in digital manufacturing, offers an online 3D printing service. Sculpteo provides an online platform to securely upload 3D files and select from 75+ materials and finishing options. Professional engineers and technicians produce parts on industrial 3D printing technologies before sending them to businesses and individuals worldwide. Based in Paris and San Francisco, Sculpteo offers on-demand 3D printing and manufacturing at a large scale for start-ups, SMEs, and design studios. Sculpteo offers its professional 3D printing service alongside its expert Design Studio to help businesses integrate additive manufacturing into their product development and production systems. Sculpteo was created in 2009 by Eric Carreel and Clément Moreau and is led by Alexandre d'Orsetti, former director of Sculpteo's design studio. BASF New Business GmbH acquired it in November 2019.

For more information: [www.sculpteo.com](http://www.sculpteo.com)

### **About JIB Smart Home**

Founded in 2018 by Thomas Groell and Lucas Coaido Mota, JIB Smart Home is a social business, whose mission is to promote the autonomy of people with disabilities, by developing technological tools based on adapted applications and software and connected devices.

JIB gives people with severe disabilities access to digital technology, and develops adapted applications linking smartphones to all essential services for independent living: home automation, nurse calls, call management, communication with family and friends...

What sets JIB apart is its ability to work with beneficiaries and healthcare professionals to develop solutions specifically adapted to very serious pathologies, such as tetraplegia, myopathy, cerebral palsy, Charcot's disease (ALS) and multiple sclerosis, for which applications and tools must be adapted to enable full access by people who often combine severe motor disorders, visual or cognitive impairment and speech impediment.

JIB has been awarded the ESUS (Entreprise Solidaire d'Utilité Sociale) label, and today has reached nearly 30 rehabilitation centers and nursing homes equipped with its solutions, more



than 800 disabled beneficiaries made autonomous, and more than 2,000 occupational therapists in regular contact.

For more information: <https://jib-home.com/>.

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