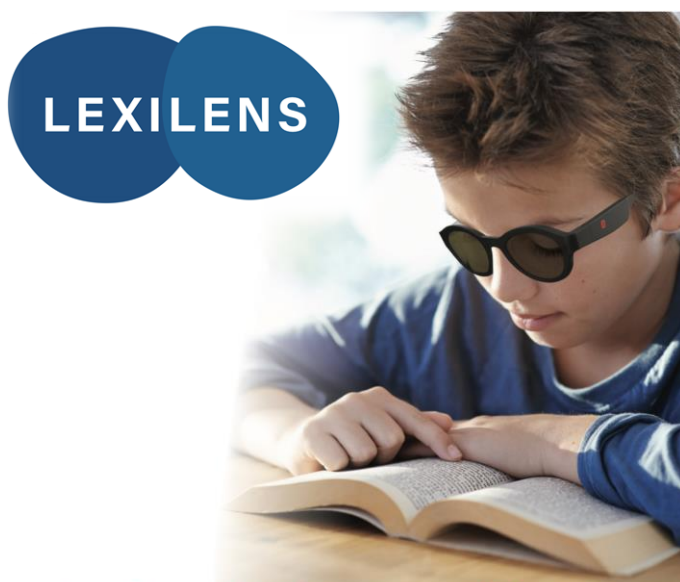




ABEYE STARTUP SHOWCASES ITS SUCCESSFUL INNOVATIONS

*LEXILENS® AND SPECTALERT® AT SILMO FAIR*



A simply better life



From September 24<sup>th</sup> to 27<sup>th</sup> 2021, Abeye startup will be at SILMO fair at stand #5AD029 to present its two innovative products : Spectalert, a fall detection eyewear for senior people that calls for help automatically when needed, and LEXILENS®, the first electronic spectacles helping dyslexics to overcome reading difficulties. LEXILENS® count two prestigious awards : Silmo d'Or 2019 and CES Innovations Awards in 2020.

### **LEXILENS®**

#### **THE FIRST ELECTRONIC READING AID EYEWEAR FOR DYSLEXICS**



Dyslexia is a disability according to WHO and affects 2 children per class on average (approximately 10% of population globally). [Dyslexia](#) makes reading difficult and [can lead to school failure](#) and low social confidence. No cure exists and origins of dyslexia are unknown.

Two French researchers at the University of Rennes discovered very recently that people with dyslexia usually do not have a dominant eye. [Their scientific discovery received an award from the French National Medical Academy.](#)

Both eyes transmit primary images and mirror images of the same quality to the brain. Unable to sort, the brain merges the two images. The dyslexic reader therefore sees badly detached letters, mirrored letters (like b instead of d), words that overlap, leading to a greater effort of deciphering.

LEXILENS®, the electronic spectacles neutralize the mirror image. LEXILENS® is :

- **Simple** (No prior training required)
- **Universal** (independent of language)
- **Instantaneous** (immediate effect)
- **Compatible** with prescription lenses



LEXILENS®, a successful launch !

More than 2000 dyslexics purchased LEXILENS® across 15 countries. Initial tests and wearers' feedbacks show 96% of satisfaction and recommendations.

Wearers express greater ease of reading, the letters stand out better, as well as the lines, the contrasts are also improved.

Some testify a real pleasure to read, they gained confidence and improved relations within their environment.

**SPECTALERT®**  
**FALL DETECTION EYEWEAR**

**spectalert**  
*fall detection eyewear*

Falling down is the #1 mortality cause for 65+ aged people with 12000+ deaths yearly in France only. Aging population creates a demand for solutions to stay home safe even when relatives live remotely and where people are losing autonomy. This societal challenge is what Abeye addresses with the Spectalert® eye glasses.

Spectalert® key differentiators:

**Spectalert® is simple to use:** there is no on/off switch. It has a physical alert button on the right temple to allow for seniors to request help for any urgent matter.

**Spectalert® is effective:** it runs a state-of-the-art algorithm allowing to detect both hard falls and most soft falls. Its detection rate outperforms current market devices.

**Spectalert® is elegant:** it was designed for Senior with a non-stigmatizing form factor for easier adoption by users. It also uses a proprietary temple designed to fit most heads with no adjustment need.

Spectaler® currently connects to telecare gateways and coming version will connect to smartphones to accommodate with mobility needs.

Spectalert® is developed in collaboration with several partners, among which Adviez, a French startup.



Spectalert® was launched in France by Abeye's partner Atol under the name AtolZen in partnership with Telecare company Bluelinea.



Catégorie : Meilleure initiative  
Innovation produit.



Les Trophées  
des Services  
innovants  
Prix coup de cœur 2018.



Spectalert® received several awards and is certified “tested and approved by Seniors” by AFNOR.

We believe eyewear can do more and we make smart eyewear for health and wellness.

We are obsessed by User Experience and we focus on making our products

**SIMPLE** because we want our products to be used, not just bought

**USEFUL** because we address real & existing problems met by people

**ELEGANT** because we conceive our products as eyewear to be worn daily, in a non-stigmatizing way

**AFFORDABLE** because we try bring solutions to the mass market

Founded in 2018 by Michael Kodochian, ABEYE is a start-up backed by ATOL LES OPTICIENS, developing innovative solutions for better health and wellness.

For more information, please visit <https://www.abeye.tech>

### **PRESS CONTACTS**

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