



visualfy[®] workspaces

Accessibility solutions for
workspaces.



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0 About Visualfy.





A social impact company.

We are a Spanish company, dedicated to create technology for hearing accessibility. We believe in another way of doing business, that kind which generates positive impact in the environment and measures success with social variables in addition to economic.

Our products are aimed to empowering deaf people, and the society of which they are a part, supporting with technology a real integration.

We are part of the international Bcorp movement and we have been recognized as one of the best companies in the world for our social impact.

Our team is made up of deaf and hearing people, because only together can we create the world we imagine.

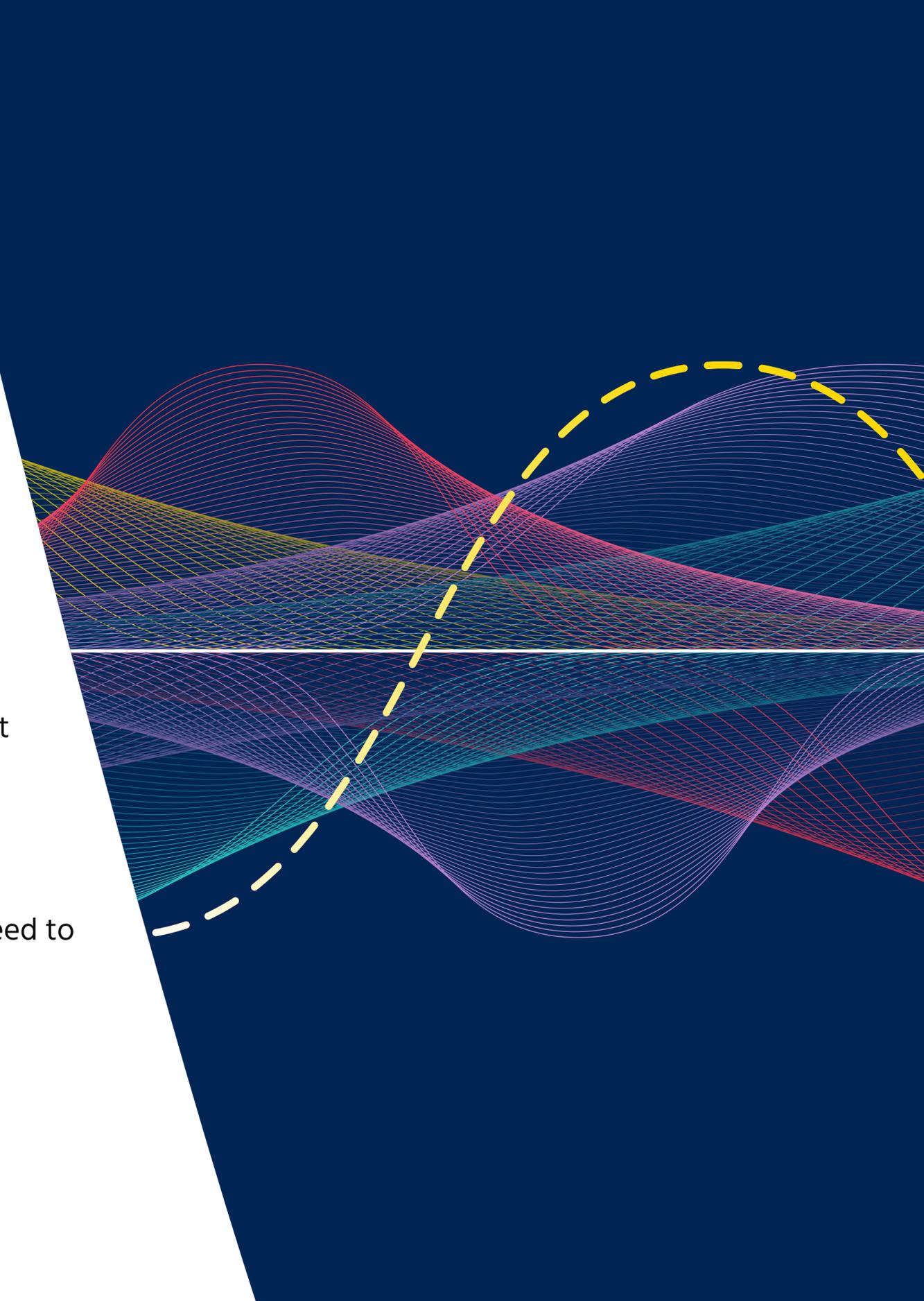




Accessibility and AI: our artificial intelligence algorithm.

The state of the art of machine learning makes possible the development and implementation of effective and efficient recognition algorithms and classification of sound events. Visualfy's R&D team has a wide range of expertise and knowledge of the most current techniques in this field and has been able to develop an algorithm which recognizes and classifies different sound events. The system that comes with our algorithm translates this classification into visual alerts that can be recognized by the user on any connected device."

The algorithm developed by Visualfy is able to operate autonomously, performing all the work of segmentation, recognition and classification in the device, without the need to send it to the cloud.





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Why choose Visualfy.



Endorsed solutions.

Our solutions are endorsed by federations and confederations of deaf people and people with hearing loss.



Current legislation.

Visualfy technology allows you to comply with current legislation on accessibility.



Team of deaf and hearing people.

The Visualfy team is made up of deaf and hearing people, to ensure the creation of real value.



Constant evolution.

Our customers benefit from an ever-growing portfolio of technology solutions and upgrades.



Social commitment.

We dedicate 0.7% of our profits to train young deaf people in technology. We have deaf people throughout all our value chain.



1 Hearing loss and work environment.

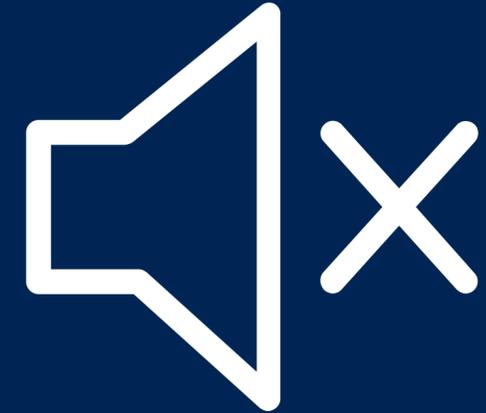




Deaf people in the world.

According to the World Health Organization (WHO), 466 million people in the world have hearing loss, more than 1 million in Spain. In addition, 1.1 billion young people are at risk of hearing loss due to misuse of headphones, sporting events, discotheques...

With a growing senior population and an increasingly diverse world, this segment is in continuous growth.



1.1 billion people are at risk of hearing loss.

1/3 of the population over the age of 65 have disabling hearing loss.



An invisible collective.

More than 1 million people in Spain have some kind of officially recognized hearing loss, according to the National Statistics Institute (INE).

However, the real figure could surpass 3.5 million people, according to the studies of the sector. Only 10 % of people needing a technical aid for better hearing uses it, for fear of stigmatization. Between 3 and 6 % of single sided deaf children are still undiagnosed.

By creating solutions to help them in the working environment, we allow them to contribute their talent and effort to the company without barriers.

Offering customers with hearing loss a comfortable and safe user experience represents our values as an organization and increases satisfaction in the use of our products and services.

8% of the Spanish population have difficulty hearing.





Commitment and law.

Different European regulations emphasize the need to adapt infrastructures, work environments, communication channels and transports so people with disabilities have access to the same information and resources as any other person.

Companies have a responsibility to invest in accessibility as a tool for human development and social innovation, beyond the legislative compliance.

Law 27/2007, of 23 October.

Recognition of Sign Language and regulation of the means to support oral communication for deaf and people with hearing loss. As well as the elaboration, by the Government, of a regulation for the development and use of the Spanish Sign Language (LSE).



Commitment and law.

Royal Decree 1/2013 of 29 November.

Rewriting of the General Law on the Rights of People with Disabilities and their social Inclusion in terms of accessibility in all areas, as well as in measures of innovation and development of norms by public administrations.

Royal Decree 1544/2007, of 23 November.

Regulation of the basic conditions of accessibility and non-discrimination for the access and use of transport for people with disabilities. Related not only to the journey itself, but also to the information communicated along it.

Spanish Strategy on Disability 2012-20.

Focus on guaranteeing accessibility to goods and services for people with disabilities, with special measures such as the elaboration of a "Global Strategy for Accessibility of People with Disabilities to ICTs" or the unification of the accessibility planning of ministerial departments.



2 Visualfy in working environments.



Our system.

*Adaptation
of working
environments for
people with hearing
loss or in special
acoustic conditions.*



Our system.

Visualfy is a sound recognition system that allows the adaptation of workspaces for people with hearing loss.

Based on an artificial intelligence algorithm, recognizes sounds from the environment and converts them into light alerts, alert points distributed in the workspace or personal devices of the user.

Thanks to a color code and / or vibrations, users will know if the fire alarm is sounding, if the telephone is ringing or the bell sounding, among other functions, without installation works and in a personalized way. Visualfy is easily adaptable to the accessibility needs of each project.

Sounds recognized by the system.



Telephone.



Fire alarm.



Anti-theft alarm.



Gas alarm.



Intercom.



High level of noise pollution.

Visualfy signage.

*The alert system
is common to all
public spaces and
therefore easily
recognizable by
the user.*





Visualfy signage.

Visualfy's accessibility projects include the installation of light alert points along the adapted space to ensure the safety of users, even if they do not use mobile phones or personal connected devices to receive alerts.

These alert points have a V-shaped form, which users recognize as Visualfy visual alerts immediately, becoming the accessible signalling system for deaf people in public and private spaces.

By means of a color code conveniently communicated, the user will know which color corresponds to each alert, being able to react to it. The user interacts with the adaptations of his house, mobile and public spaces with the same system, which facilitates understanding and use.

Personal device alerts.

Alerts on a multitude of connected devices.





Personal device alerts.

In addition to the warnings on the Visualfy light signalling system, the user can receive alerts on any personal connected device (mobile, smartwatch, smartbands) that the company determines as suitable for the needs of its users. Visualfy adapts to any use case.

Compatible devices.



Mobile devices.



Smart Watches.



Smart Bands.

Upcoming implementations.



Smart Bulbs.



PC Screens.



Laptops.



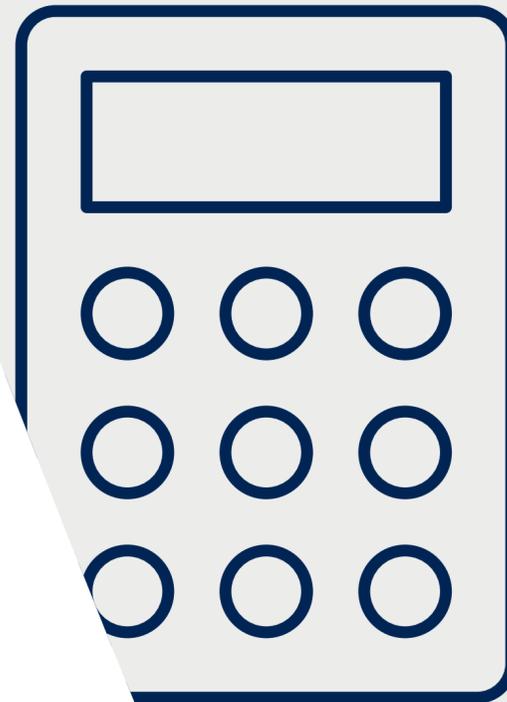
3 Accessibility solutions.





Security alerts and accessible notices.

Accessibility in risky situations increases everyone's safety.



Security alerts and accessible notices.



Fire alarm.

Visualfy translates fire alarms into visual and sensory alerts, in common spaces and personal devices.



**Acoustic
pollution.**

We'll let you know if noise levels exceed the decibels recommended for a healthy work environment.



**Other accessible
warnings.**

Adapt the telephone, the doorbell and other accessible notices necessary for accessibility at work.



User experience.

Training, communication materials and on-boarding routes for the inclusion of deaf people.



User experience.



Training and awareness.

Training to work in inclusive teams, and attention to deaf people or people with hearing loss.



On-boarding routes.

Adaptation of on-boarding materials for deaf and hard of hearing employees.



Communication materials.

Creation of corporate materials accessible to people with hearing loss, with audio, subtitles and adaptation in sign language.



Real-time communication.

Servicio de video-interpretación y bucles magnéticos para la mejora de la comunicación en tiempo real.



Real-time communication.



Accessible Call Center.



SVisual is the first video-interpretation service in Spanish sign language that exists in our country. It is managed by the CNSE Foundation for the Suppression of Communication Barriers and the State Confederation of Deaf People (CNSE). Visualfy incorporates this service into its accessibility solution to ensure that hearing impaired people have the same access to information as other workers and customers.



Bucle magnético.



The Fiapas Accessibility Support Service, an entity that brings together more than 45 entities of deaf people and their families, advises on the installation of magnetic loops and other tools for adapting public and private spaces. By means of the magnetic loop system, the user receives the sound in his technical help with the same quality as the source of emission.



4 Services and specifications.



Table of services.

		Pack 1 Emergency and security alerts.	Pack 2 Alerts + User Experience.	Pack 3 Alerts + User Experience + Communication.
Emergency and safety alerts.	Fires.	✓	✓	✓
	Evacuation.	✓	✓	✓
	Bell.	✓	✓	✓
	Telephone.	✓	✓	✓
	Acoustic pollution.	✓	✓	✓
	Other warnings.	✓	✓	✓
User experience.	Training and awareness.		✓	✓
	Communication materials.		✓	✓
	Accessible on-boarding routes.		✓	✓
Real-time communication.	Accessible call center (SVisual).			✓
	Magnetic loop.			✓



Installation requirements.

Installation needs.

- Access to the place where the devices will be installed.
- Permission for connection of light points.
- It is necessary to have an RJ45 network socket or a stable 2.4 or 5 GHz wifi access point for each floor to be installed that grants an IP with Internet access and a minimum bandwidth of 2 MB.
- It will be necessary to have permission to sound the alarm at least three times during the installation and the last day to check and start the system.
- An e-mail address and data of the person assigned as administrator of the system, whose presence will be required for the testing and commissioning.
- Permission for the location of an eBeacon in the entry that has an estimated duration of two years of battery.

Without Visualfy internet connection.

- It'll only work by turning on the light bulbs.
- Notifications can not be sent to smartphones or any other wearable.
- No security updates will be received.
- No remote maintenance or system monitoring can not be performed.

With Visualfy internet connection.

If the internet connection is provided by Visualfy, it is necessary to have 4G coverage in the building.

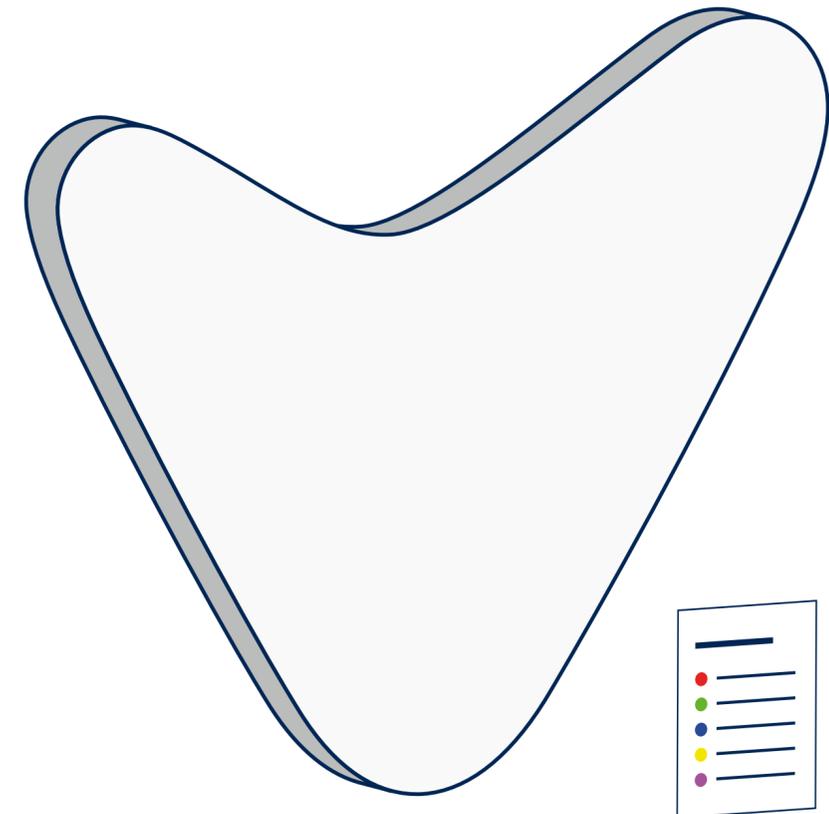
Technical specifications.

Visualfy signage system.

- Visualfy's lamps work as a signage system because they are easy to use and always use the same color code.
- Next to them we will always find an informative poster with the color-coded for each alarm.
- The lamp works connected to the electricity network and has a battery that is activated in case of loss of power supply. "They have Zigbee technology that allows the interconnection of some with others making it easier to operate in dark areas of Wi-Fi."

Technical specifications of the lamp.

- Measures 500 x 435 mm.
- Luminous flux of 1600 lm.
- 16 million colors.
- Consumption 20.5 W.
- Life of up to 20,000 hours.
- IP20 protection: Dust.
- Protection class: II double insulation.



Let's talk?

visualfy.com

