



visualfy[®] hospitality

Hearing accessibility solutions
for hotels.



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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, which generates a positive impact on its environment and measures success with social as well as economic variables.

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

We are part of the international Bcorp movement and 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.

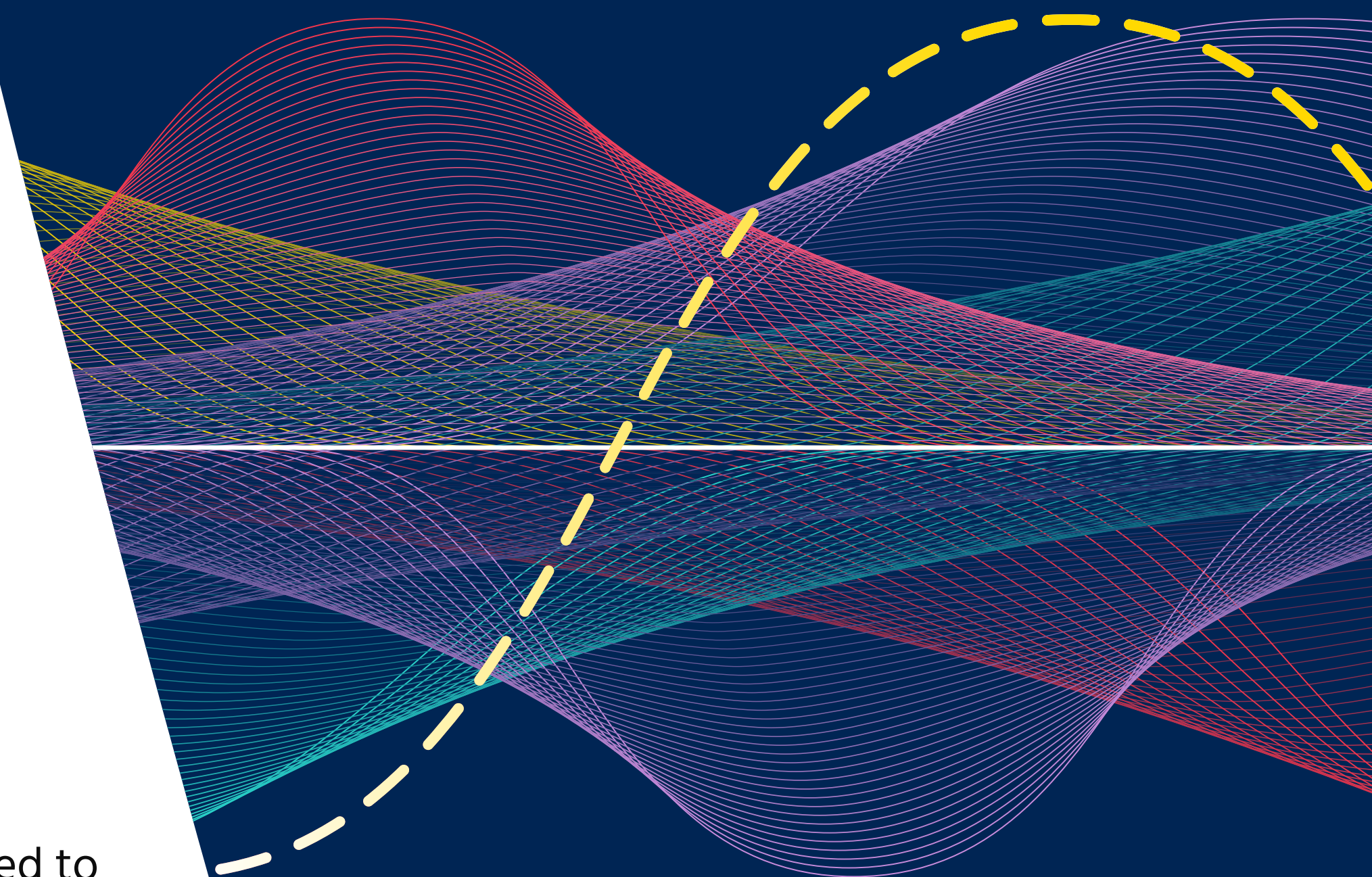




Accessibility and AI: Our artificial intelligence algorithm.

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.

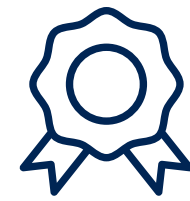
The algorithm developed by Visualfy is able to operate autonomously, performing all the work of segmentation, recognition and classification in the device, without the need to send it to the cloud.





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Why choose Visualfy.



Endorsed solutions.

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



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 for the user.



Constant evolution.

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



Social commitment.

We donate 0,7 % of our profits for training young deaf people in new technologies. We have deaf people throughout all our value chain.



1 Hearing loss and tourism.

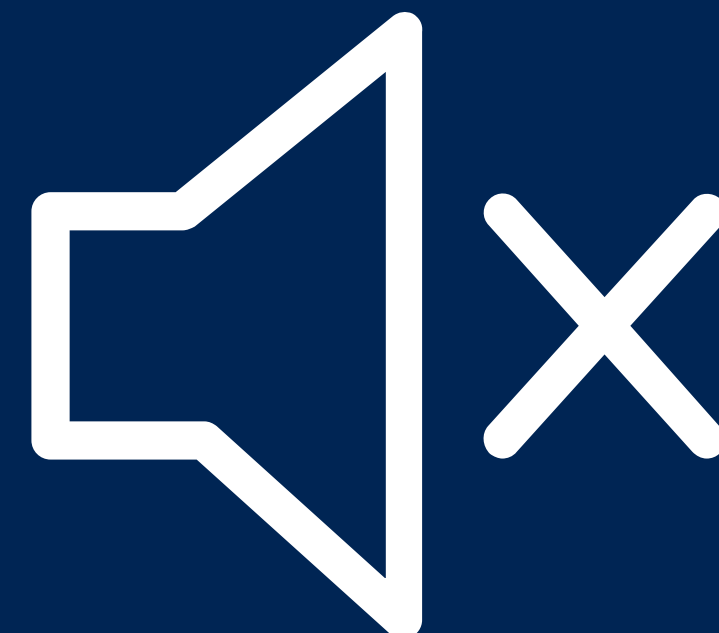




Deaf people in the world.

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 the 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.



Accessibility, a key issue for the tourism sector.

Accessibility has become a basic requirement to measure the quality of tourism services and has great economic potential as an employment and profitability generator for companies in the sector. Promoting accessible tourism is strategic for our country, as can help recover lost tourism and provide stability to sector.

Information Sources: Accesturism. INE. Statistics of tourist movements in borders. <https://fundacionadecco.org/informe-turismo-inclusivo-empleo/>

The potential market for accessible tourism is 5.96 million people. 3.6 have hearing loss.

4.1 million people out of 81 million that visited us last year have hearing loss.

56% of disable people decide not to travel due to lack of accessible offer.





2 Visualfy for hotels.



Introduction.

Current regulations require tourism establishments to guarantee accessibility of their facilities for deaf people under equal conditions of hearing people.

At Visualfy, we not only help you comply with the legislation without complex installations, but to create, along with you, an optimal customer experience to make people with hearing loss feel like another happy customer.

Royal Legislative
Decree 1/2013 of 29
November. General
Law on the Rights
of Persons with
Disabilities.

RD 505/2007, 20
April. Access to
urbanized spaces.

R.D 173/2010, 19
February. Standards
Building Code.

CTE
CÓDIGO TÉCNICO
DE LA EDIFICACIÓN



2<

Our system.

*Adaptation of
hotels and tourist
spaces for people
with hearing loss.*



Our system.

Visualfy is a sound recognition system that allows the adaptation of hotels and tourist spaces for people with hearing loss.

Based on an artificial intelligence algorithm, it recognizes sounds from the environment and converts them into visual alerts, in alert points distributed in the space or in the user's personal devices.

Thanks to a colour and/or vibration code, users will know if the fire alarm is sounding, if someone the telephone is ringing or the doorbell sounding, among other functionalities, without installations and in a personalized way. Visualfy is easily adapted to any accessibility needs.

Sounds
recognized by
the system.



Fire alarm.



Door bell.



Baby.



Telephone.



Alarm clock.

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 placement 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 warnings, or if there is a power failure.

These alert points have a characteristic V-shape, which users recognize as Visualfy alerts immediately, becoming the accessible signal 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.



2<

Alerts on
personal
devices.

*Alerts on a
multitude of
connected
devices.*

visualfyhospitality



Alerts on personal devices.

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

Compatible devices.



Mobile devices.



Smart Watches.



Smart Bands.

Upcoming implementations.



Smart Bulbs.



PC Screens.



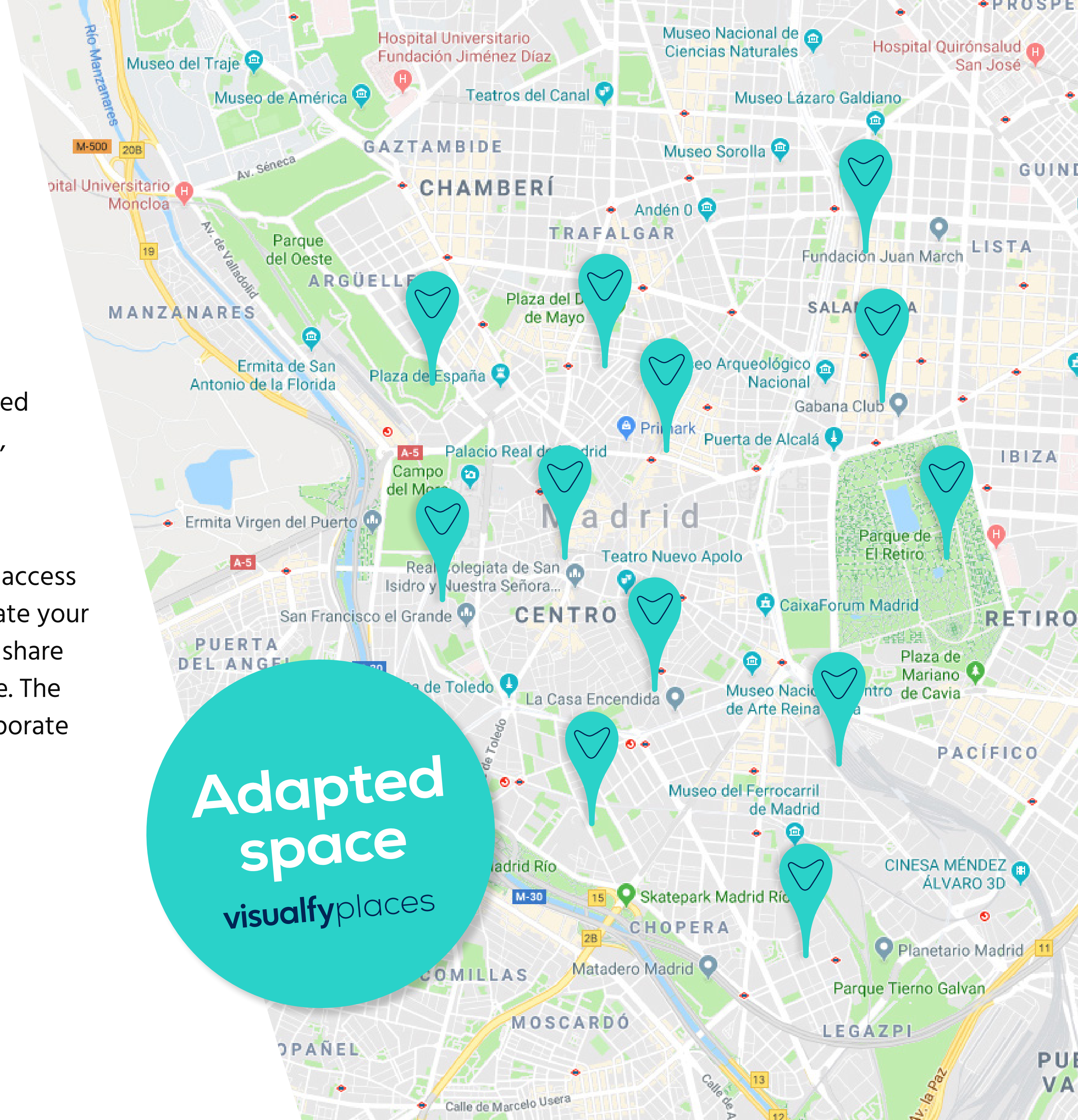
Laptops.

Your hotel, the best option for deaf people.

Visualfy app, from which users access the network of accessible spaces called Visualfy Places, is used by thousands of people every day, among which your hotel will have visibility.

As part of Visualfy Places you will access a new audience, who will appreciate your effort to adapt to their needs and share their experience with more people. The general public will value your Corporate Social Responsibility.

Adapted
space
visualfyplaces





3 Accessibility solutions.





3<

Security alerts and accessible warnings.

*Accessibility in
risk situations
increases
everyone's
security.*



Security alerts and accessible warnings.



Emergency button.

Not only alerts the reception of an emergency, but answers back the user indicating in another color that the help is on the way.



Baby alert.

Translates baby's cry into a light signal on the device chosen by the user.



Visual fire alert.

We detect the fire alarm and send the warning in a visual alert to the device selected by the user.



Door bell.

Warning of knock on the door, for protect in every moment the privacy of your customer.



Wake-up service.

Visual warning at the time agreed with the customer.



Taxi request service.

Request of taxi from the room, choosing hour and destiny.



Other accessible warnings.

Eating in the room, warnings of malfunctioning facilities and other common needs.

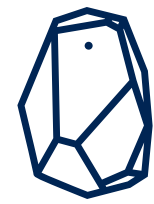


User experience.

*Training,
communication
materials and
onboarding routes
for the inclusion of
deaf people.*



User experience.



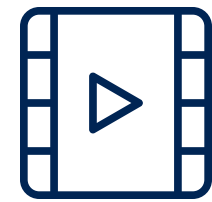
Ebeacons geolocation.

Informs that you are an accessible hotel, improving your brand image. Your customer safe and informed in all facilities of the hotel.



Training and awareness.

Training for hotel staff to communicate with people with loss hearing people.



Welcome materials.

Creation of audiovisual materials to welcome deaf people in sign language and with subtitles. Interpreter and tone of communication according to brand positioning.



Communication materials.

Translation into sign language of communication materials (web, restaurant menu, spa, emergency protocols).



3<

Accesible communication in real time.

*Video interpretation
service and
magnetic loops
to improve
communication in
real time.*



Accesible communication in real time.



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, the State Confederation of Deaf People for the Suppression of Communication Barriers. Visualfy incorporates this service to its accessibility solution, in collaboration with the CNSE, to ensure that people with hearing disabilities have the same access to information that the rest of the guests of a hotel.



Magnetic loop.



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.



Visualfy for hotels.

Reception

Adapted reception with magnetic loop (for hearing aid and cochlear implant users) and sign language communication.

Entrance

Hello! Welcome to Paradise Beach Hotel. Our facilities are accessible to people with hearing loss.

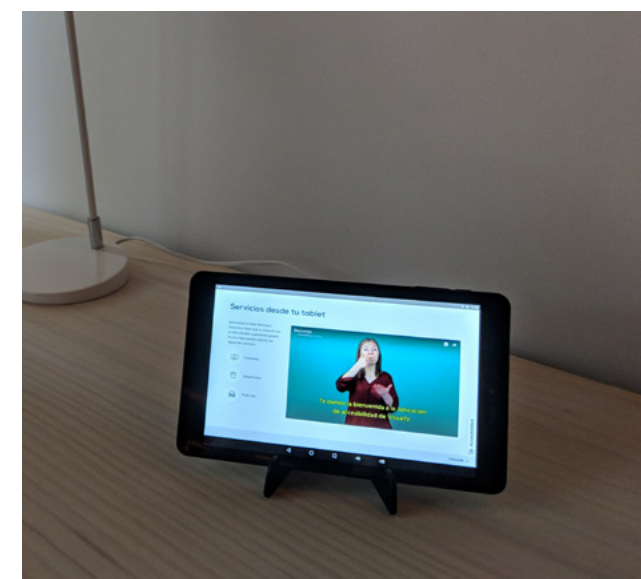
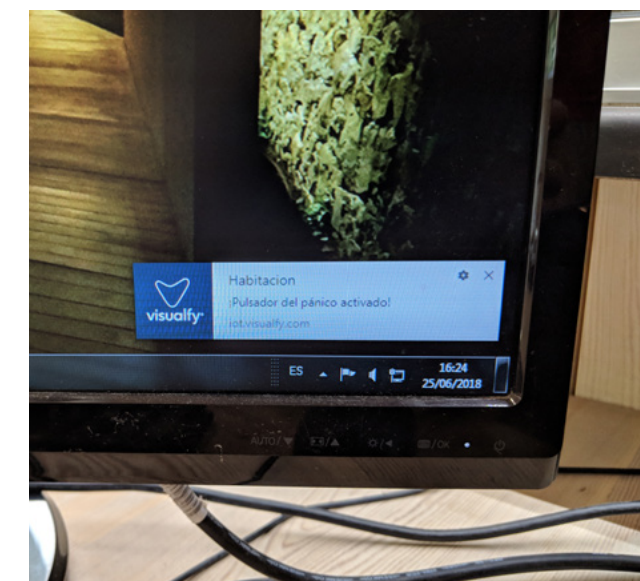
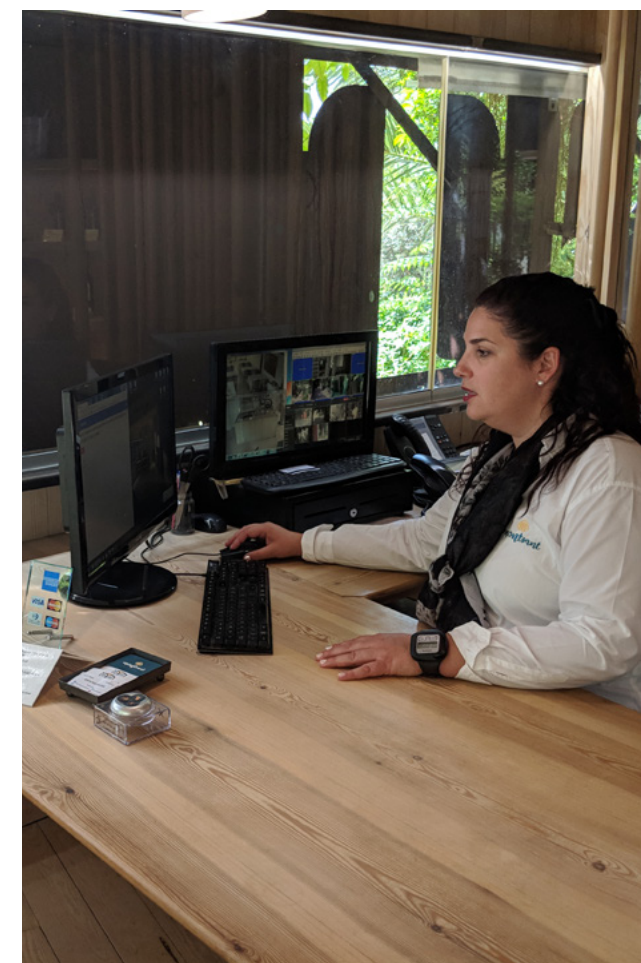
Beacons geolocation

Emergency alerts throughout the hotel.
Sending of promotional messages.

Accessible room

- Access to accesible content (subtitled and in sign language).
- Bidirectional accessible emergency button.
- Alarm clock service with visual alert.
- Adapted baby alert.
- Door knock warning.
- Fire alert.

Example of an adapted hotel. Hotel Montsant Xàtiva.





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 security alerts.	Emergency button.	✓	✓	✓
	Baby alert.	✓	✓	✓
	Visual fire alarm warning.	✓	✓	✓
	Door knocking warning.	✓	✓	✓
	Wake-up service.	✓	✓	✓
	Order a taxi service.	✓	✓	✓
	Additional services.	✓	✓	✓
User experience.	Geolocation Ebeacons.		✓	✓
	Education training and awareness.		✓	✓
	Welcome materials.		✓	✓
	Communication materials.		✓	✓
Accesible communication in real time.	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 wareable.
- 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.

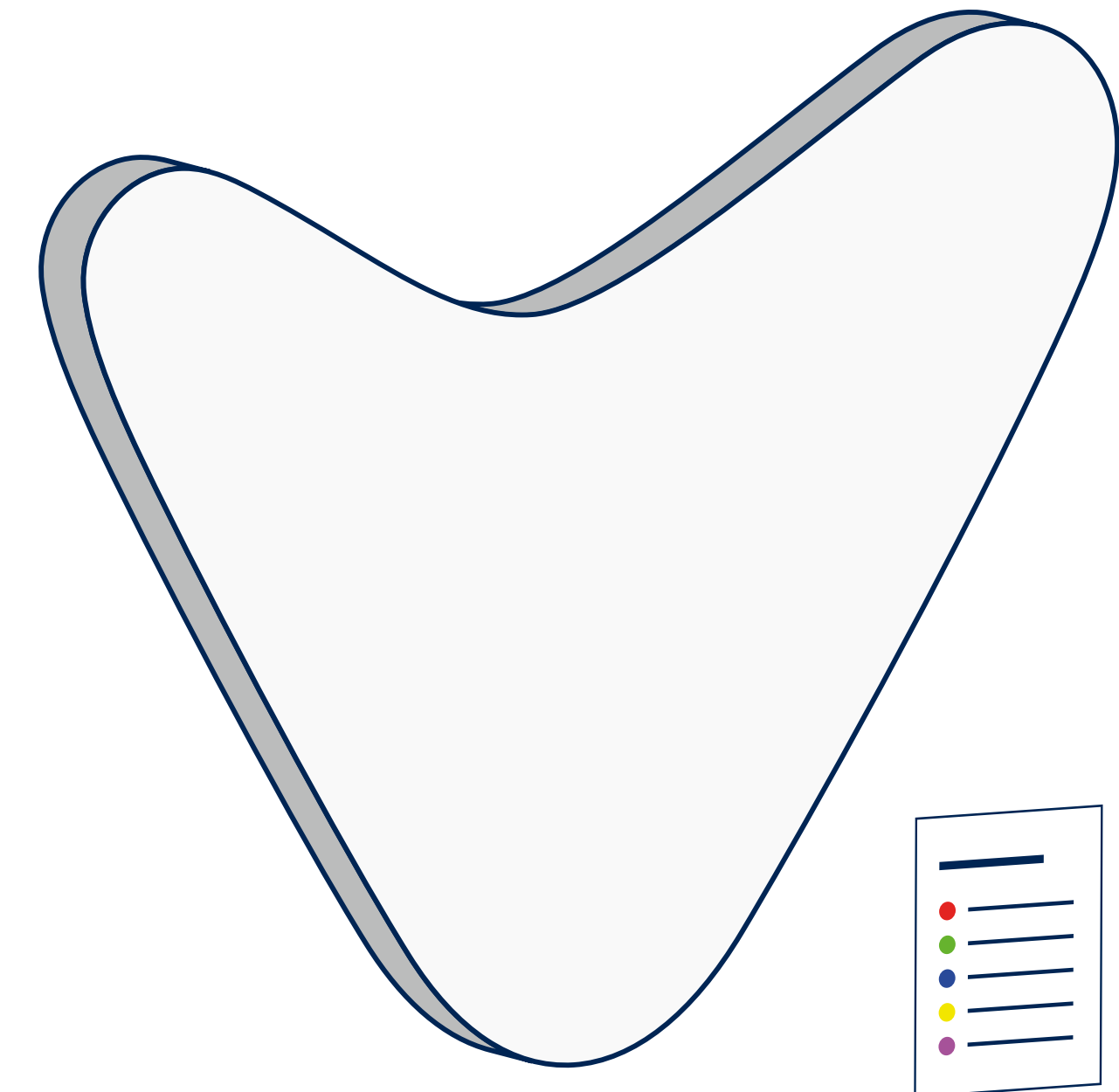
Technical specifications.

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

