



Smart TV platform for distance Healthcare and Social Care at Home



Javier Herrero
Chief Strategy Officer

About us

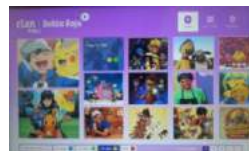
- Smart Health TV Solution S.L., start-up funded in 2017. Small company (EU definition)
- Founders are professionals with more than 15 years of experience in the Interactive TV and Smart TV industry
- Focus mainly on services for seniors (+65), people with disabilities or people without digital education (at the other side of the digital divide).
- Trials projects carried out with reference institutions in Social and Healthcare services in Spain: Andalucía Healthcare Services, Spanish Red Cross



Servicio Andaluz de Salud
CONSEJERÍA DE SALUD



- Official developer for Interactive TV and Smart TV services for the Spanish Public Broadcaster (RTVE) and the Catalonia Public Broadcaster (TV3)



Corporació Catalana
de Mitjans Audiovisuals, SA



Our vision

Everyone in the world with access to advanced digital healthcare and socialcare services at home, no matters their age, condition, education or economic status

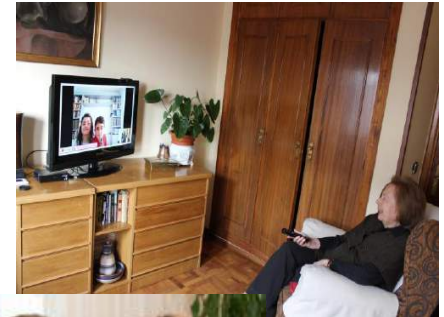
Digital Healthcare / Socialcare services



Digital Divide / Accessibility / Usability



Patients, relatives and caregivers at home



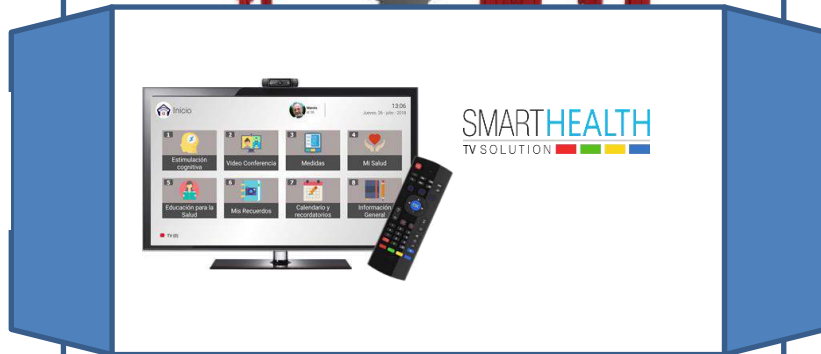
Our Mision

Develop technologies to remove the accessibility barriers and bridge the digital divide, allowing people to access and use current and future digital Healthcare and Socialcare services at home

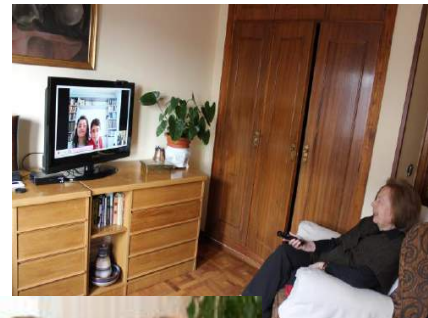
Current and Future Digital
Healthcare / Socialcare Services



Digital Divide / Accessibility / Usability



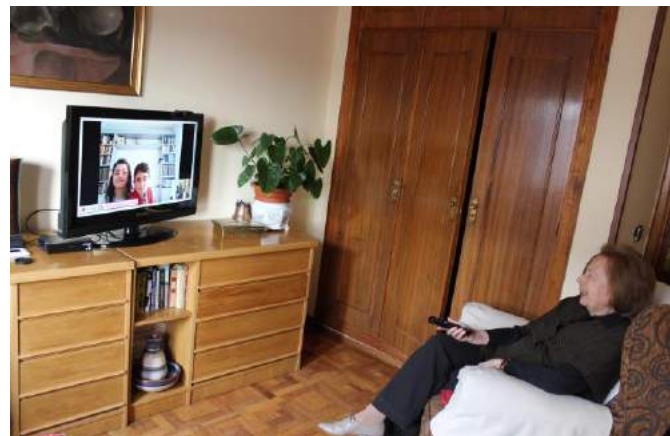
Patients, Relatives and Caregivers
at Home



Our solution: The Home TV as main interactive device



A TV-based system to support people in the access and use of advanced digital Healthcare and Socialcare services at Home



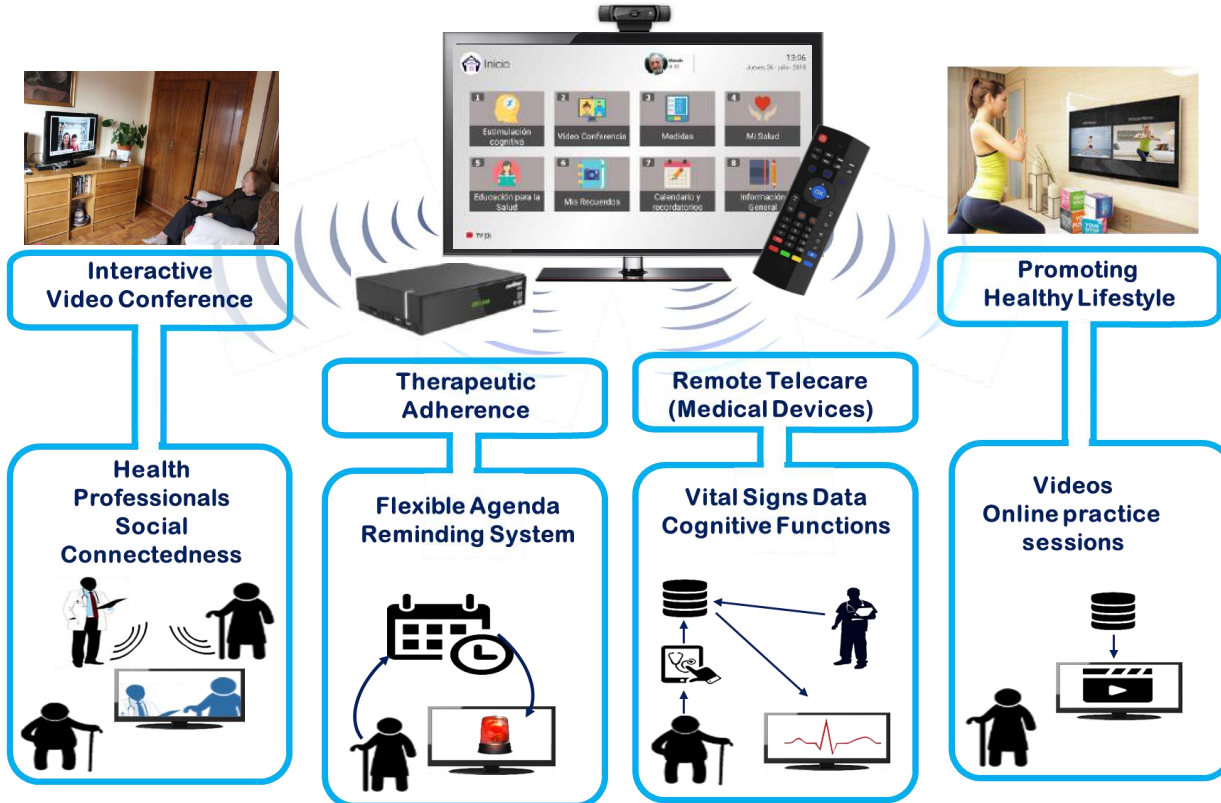
Our main goals

Improve the quality of live for patients and their relatives / caregivers

Resource optimization and saving cost for the Healthcare/Socialcare system

Our solution: A specific Smart Health TV platform

At home TV as main interactive device



Our solution: Why the TV at Home

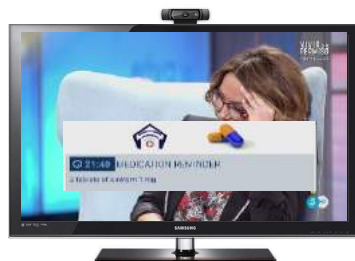
TV is already present in more than 90% homes

People 65+ watch TV more than 5 hours per day



Accessible and easy to use: Big screen + Remote control + other control systems (Voice control, gesture control etc.)

Integrated with digital TV. On screen information



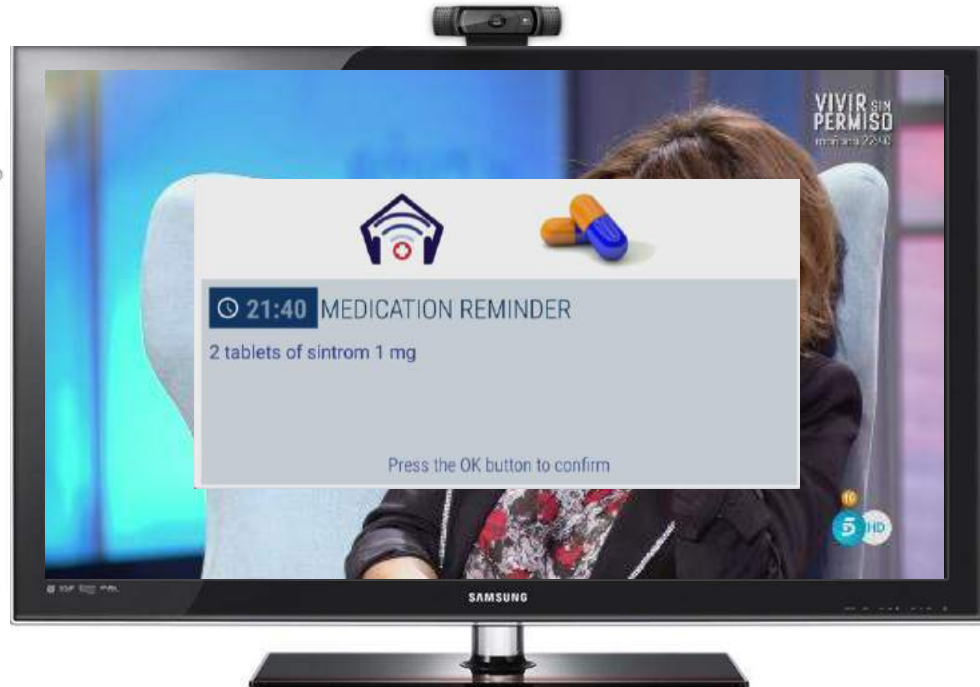
24/7 hours available and connected. No batteries (optional)

Total interoperability and complementarity with other devices:
Alert Pendant, smartphone, tablet or wearables
Don't substitute or compete with other devices at home.



Integration with digital TV at home (Terrestrial, Satellite, Cable/fiber)

On Screen notifications/reminders in overlay on the Digital TV signal



Our Solution: Basic functionalities

Videoconference



Reminders, alerts and notification over the Broadcast TV



Multimedia content (Health education, healthy lifestyle etc.)



Medical device monitoring



Personal multimedia content (photo, videos uploaded by relatives)



Cognitive games, other third-party apps



Our solution: Easy to deploy and use

Easy to use for Patients and informal Caregivers



SMARTHEALTH
TV SOLUTION



Long-term Sustainability

- Low investment cost
- Low maintenance cost

Easy to install at home

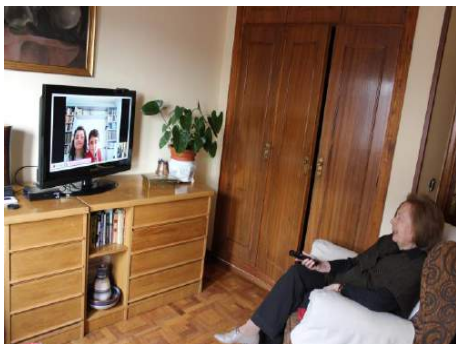


HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

Smart Health TV and Tele-rehabilitation at home

We can help to deploy your Tele-rehabilitation solution at home, mainly in case of patient and relatives in the digital divide

Patient and relatives at home.
Self-care or monitoring model



SMARTHEALTH
TV SOLUTION



- Integration of existing applications
- Develop in collaboration of new solutions
- Our system allows Cloud or Serverless services

Tele-rehabilitation services
and solutions at home



- Chronic spinal cord injury
- Acquired brain injury
- Pneumology
- Arthroplasty
- Cardio-vascular disease
- Hip fracture
- COVID

Use case example

Reminder of rehabilitation activity



Easy to access to Rehabilitation service/apps



Interactive educational videos about the rehabilitation process / activities



Dynamization and monitoring in videoconference of one or multiple simultaneous users



Capture, data sending or in-device analysis (with AI) from specific tele-rehabilitation devices or sensors in real time or batch



SMARTHEALTH
TV SOLUTION

Continue monitoring, automatic or manual during patient, with data integration from medical devices in real time:

- Videoconference
- Capture video/photo/audio
- AI processing (in real time)



- Blood pressure
- Heart rate (watch/ring)
- SPO2 (finger ring)
- Weight / temperature
- Personal ECG
- Others

Q&A

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R O S I A

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