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Introduction

The HI-Iberia/Seaplace group has been providing ICT solutions and outsourcing to its clients for more than 40 years, providing them with flexibility and rapid adaptation to new markets and business models.

A group with 160 engineers and a turnover of 7 M€. Our commitment to innovation and quality is our best letter of introduction, reinvesting more than 10% of our annual turnover in R+D.

HI-Iberia complies with ISO 9001, ISO 27001, ISO14000 and ISO 20000 standards.

HI-Iberia has been awarded the Innovative SME seal.

HI-Iberia is licensed as a manufacturer, importer and grouping of Medical Devices, issued by the AEMPS.

HI-Iberia is registered in the National Register of Producers of Electrical and Electronic Equipment (RII-AEE) of the Ministry of Industry and Tourism as a producer of the REVITA trademark for medical equipment with registration number 17273 and is a member of the ECOASIMELEC Extended Producer Responsibility Collective Systems (SCRAP).



















TECHNICAL DESCRIPTION



1.1. What is REVITA?

REVITA is a comprehensive system for monitoring and controlling multiple health parameters of patients at home.

This control can be carried out by the patient (with the patient sensor kit) or by healthcare professionals (professional sensor kit).

-- Sensor kit for patients



-- Sensor kit for professionals





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1.2. Integrated solution for patient monitoring

- Totally secure system in IOS environment (iPad). No data is stored in the device.
- Easy to use, intuitive, no manuals.
- No need to configure anything at the patient's home. The iPad autoconfigures itself when rebooted.

- Integrated 4G connection. Avoids patient connection problems.
- Measuring devices that do not need to be paired. If a device breaks down, just send another one.
- Adaptive video conferencing, image quality is reduced in case of poor connection.



1.3.Digitalisation revolutionises healthcare management

- This type of system is the future of the different public administrations.
- They are systems that optimise the allocation of resources and at the same time allow for greater humanisation of treatments.

- They avoid unnecessary travel for patients and professionals and bring home care closer to the hospital itself.
- of the patient, to ensure that the culture of the organisation revolves around the user and to avoid excessive tests or other types of interventions that do not take this into account.



COMPLETE SOFTWARE SOLUTION



PATIENT MODULE

/2.1

- 2.1.1. A simple and efficient environment
- 2.1.2. Sensor kit for patients
- 2.1.3. Available measurements

2.1.1 A simple and efficient environment

The REVITA application stands out for its simple and efficient interface, designed to make it easy for patients to access and take measurements.

The patient can track measurements from home, using the sensor kit that connects via Bluetooth to the REVITA application. It is also possible to add measurements manually.







PROFESSIONAL MODULE

/2.2

- 2.2.1. Customised monitoring
- 2.2.2. Video call system
- 2.2.3. Reminder management
- 2.2.4. Alerting system through configurable protocols
- 2.2.5. Integration with HCIS or HER
- 2.2.6. Sensor kit for professionals

2.2.1Customised monitoring

From the control panel, the clinician can individually customise measurements and sensors for each patient covering a wide range of medical services.

Wide range of medical services

Neona

Neonatal Care

Specialised care for newborns, focusing on their health and development from the very first moment.

•

Geriatrics

Specialised care to improve quality of life in older adults.

•

Nephrology

Advanced diagnosis and treatment of renal diseases.

•

Health habits

Personalised advice to promote healthy lifestyles.

•

Paediatrics

Comprehensive care for the health and well-being of children and adolescents.

Endocrinology

Comprehensive diagnosis and treatment of diabetes and other hormonal disorders.

Haemophilia

Diagnosis and specialised management of blood coagulation disorders.

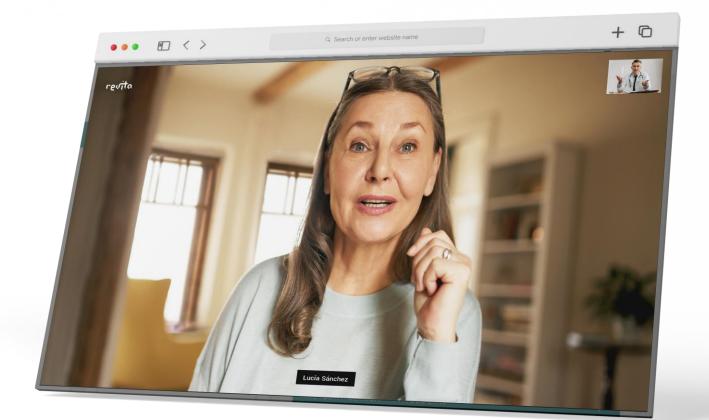
Domiciliary Assistance

Professional medical care in the comfort of your home.



2.2.2Video call system

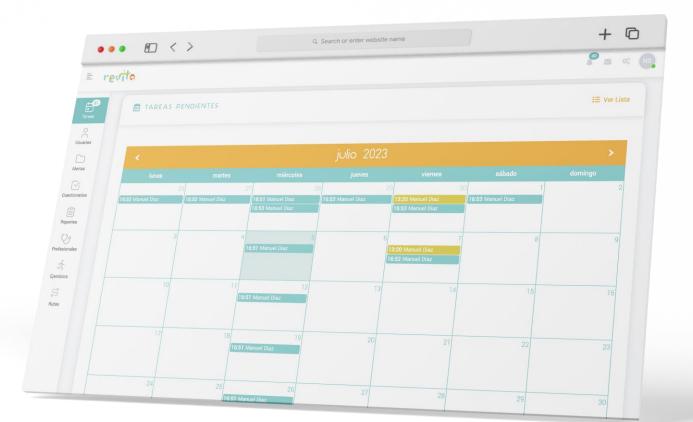
Thanks to the video call system, the healthcare professional can be connected 24/7 with patients, allowing home care at any time.





2.2.3 Reminder management

Both patients and healthcare staff can consult their agenda and obtain reminders of scheduled tasks such as video calls, measurements, medication, activities, treatments, etc.





2.2.5 Integration with the HCIS or EHR

The HCIS or EHR is the centrepiece for digitally transforming healthcare institutions. It allows centralising all clinical information of the healthcare process in a single system, ensuring better and safer healthcare for patients, as well as providing an efficient and flexible working environment for healthcare professionals.

REVITA has implemented the integration with the HCIS or EHR in order to have all the clinical records, facilitating and speeding up the medical follow-up of its patients.



2.2.6 Sensor kit for professionals

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In addition, REVITA has an extended set of specialised sensors for healthcare professionals.



Pulse Oximeter

Accurately measures oxygen saturation and heart rate.



Thermometer

Measures body temperature quickly and accurately.



Bioimpedance

Assesses body composition for a complete health analysis.



Paediatric Scale

Weighs newborns and infants accurately and safely.



Tensiometer

Monitors blood pressure for optimal cardiovascular control.



Stethoscope

Amplifies internal sounds for detailed clinical diagnosis.



Activity Bracelet

It records daily activity and



sleep patterns.



time for comprehensive control.



Ultrasound Scanner

Performs real-time imaging studies for advanced diagnostics.



Bilirubinometer

Assesses bilirubin levels in newborns to prevent jaundice.



Electrocardiogram

It records the electrical activity of the heart to detect abnormalities.



Spirometer

Analyses lung capacity to assess respiratory function



Audiometer

Performs accurate hearing tests to detect hearing



Visual Control

Assesses eye health and detects early visual problems.



Blood test COPD

Provides rapid results for essential clinical analyses.



Otoscope

Inspect the ear canal and eardrum in detail



Dermatoscope

Examines skin lesions for effective dermatological



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BENEFITS OF REVITA



Features, advantages and benefits

- Hospitalisation and Home Care
- Early discharges: Optimisation of hospital resources
- Optimisation of care resources
- Reduction of visits to consultations and emergencies

- Reduction of health transport costs
- Management of chronicity
- Quality of life and quality perceived by patients



SUCCESS STORIES



CURRENT IMPLEMENTATION

/4.1

- 4.1.1. Multiple hospital services
- 4.1.2. REVITA as a white label

4.1.1.
Multiple hospital services

Home hospitalisation – paediatric







Haemodialysis monitoring

Haemophilia monitoring



Hospital Universitario
SaludMadrid La Paz Hospital Carlos III
Hospital Carlos III
Hospital Carlos III



Adult home hospitalisation

Neonatal home hospitalisation



Geriatric home monitoring



Chronic patient monitoring







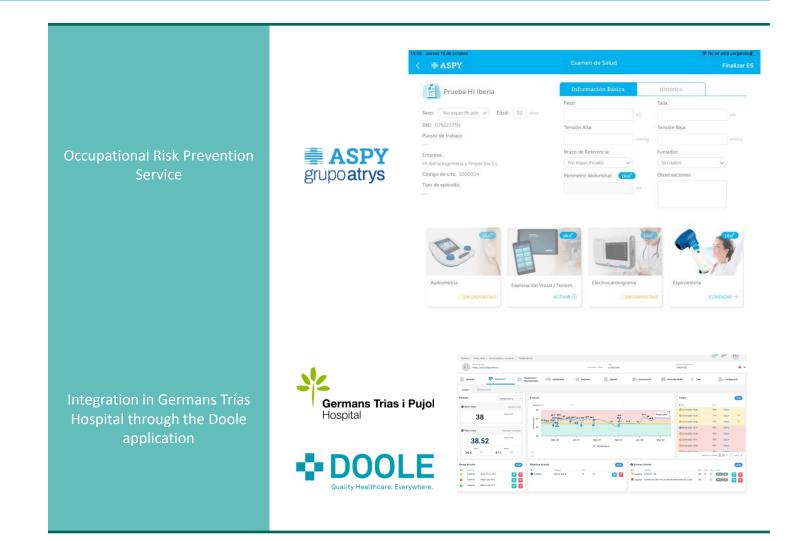
Monitoring of patients in rehabilitation





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4.1.2. REVITA as a white label





They talk about REVITA...

- "Un paciente se va a casa el mismo día de una operación de reducción de estómago" - Corporació Catalana de Mitjans Audiovisuals
- <u>"REVITA ayudando a consolidar la hospitalización domiciliaria"</u> El Mundo

- "El programa "SJD en casa" utiliza
 REVITA en el primer servicio de
 hospitalización pediátrica en España."
 - Hospital Sant Joan de Déu
- "Día Mundial de la Hemofilia 2022 y cómo la telemedicina llega a los pacientes hemofílicos." –
 #HistoriasQuePidenMás con Juanma Castaño





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