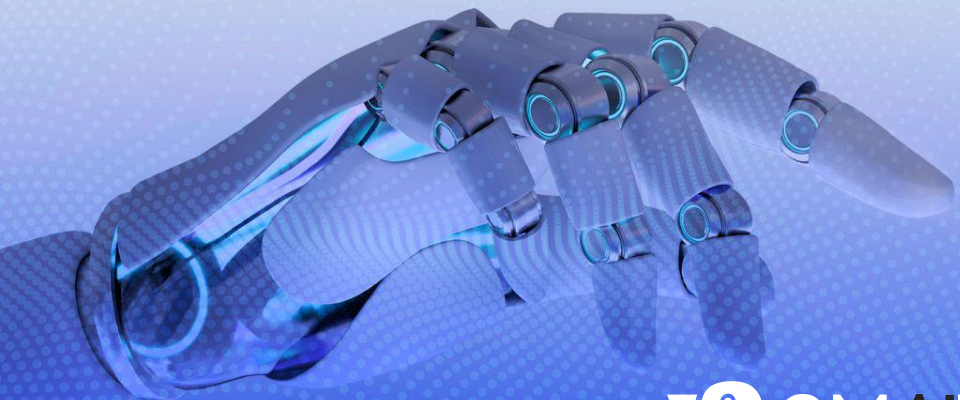


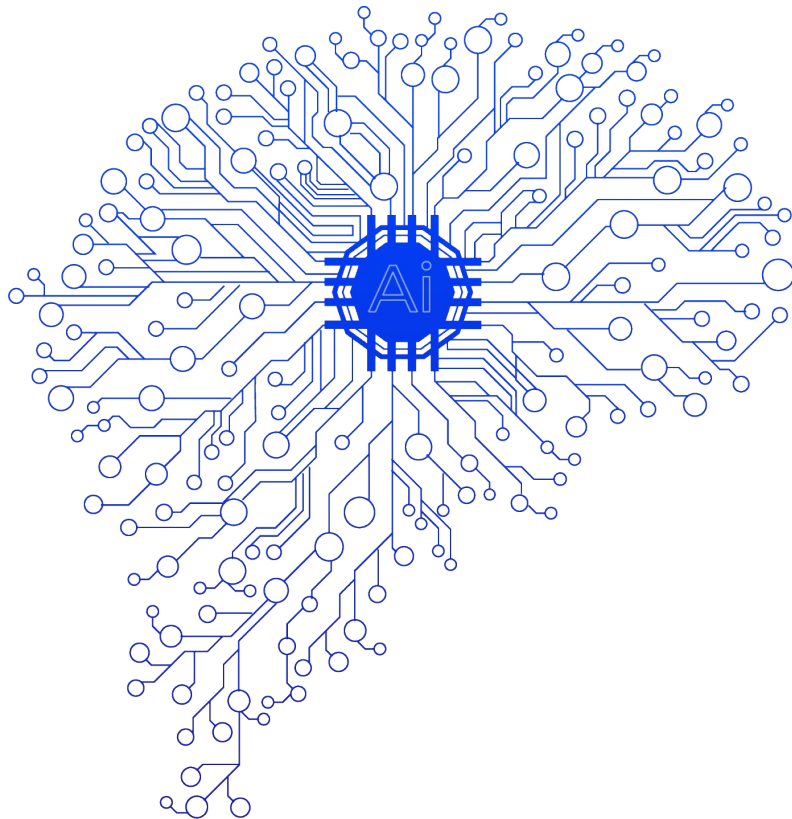


**Keeping
people
safe**



WHO WE ARE

We are a company specialized in **development of AI systems** to support **diagnosis** and **telemedicine**.

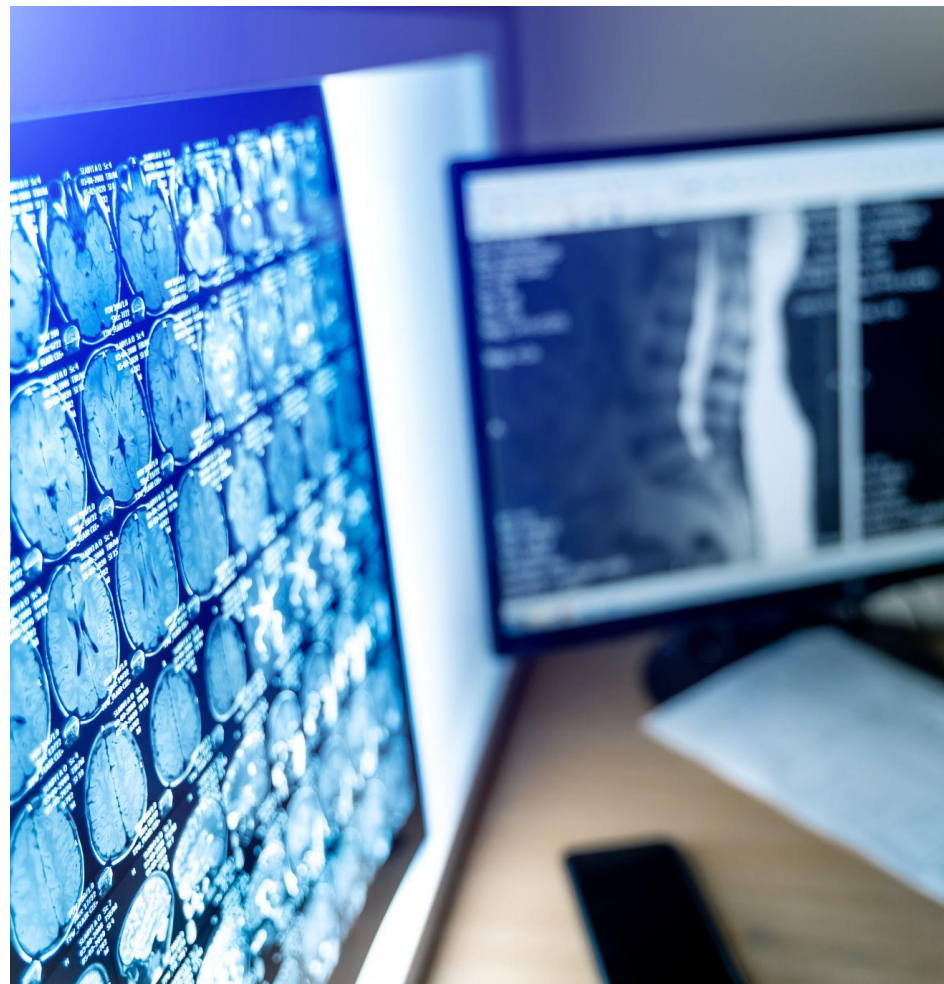


MARKET

Telemedicine is one of the fastest growing sectors in the world. By 2027, it will generate profits of over \$ 270 billion and affect the entire planet with a 20.5% CAGR (Compounded Average Growth Rate).

In the United States, the estimated average growth rate for National health expenditure is 5.5% per year and will reach approximately \$ 6 trillion by 2027.

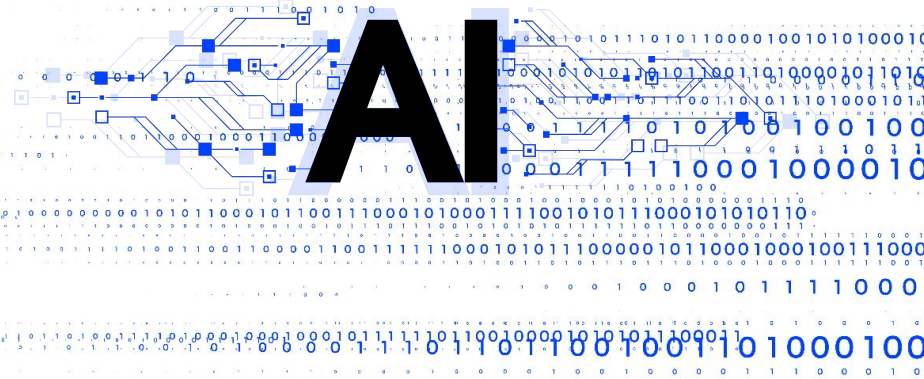
*Source: <https://www.mordorintelligence.com/industry-reports/global-telemedicine-market-industry>



WHAT SMAIRTHERO DOES

SMAIRTHERO **analyzes patient data** to support doctors' diagnosis.

We have developed an **algorithm** capable of reading data from **wearable smart devices** and **large databases** to detect the **vital parameters** of a person and report in time a fall, an accident, a malaise or the worsening of a disease.



AI



PROBLEM

The remote monitoring solutions currently on the market have a weakness: the difficulty in recognizing false positives.

SOLUTION

SMAiRTHERO is the world's first platform capable of monitoring people's health with **99.9% accuracy**.

SMAiRTHERO **recognizes false alarms** and understands if a man is on the ground because he has fallen and is in danger or just because he has been lying down to perform maintenance.

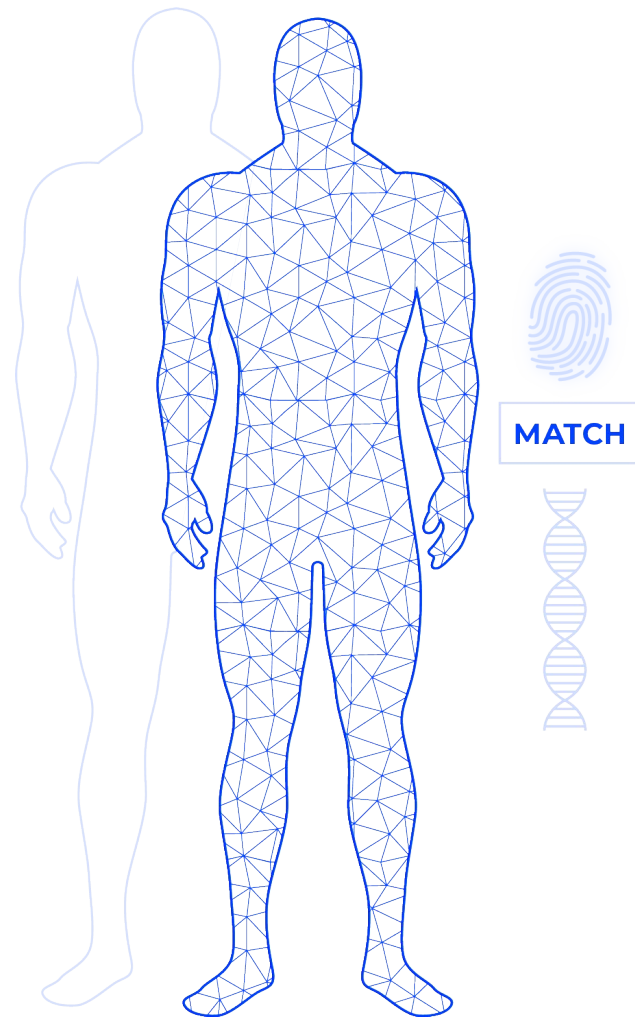


OUR TECHNOLOGY

SMAiRTHERO creates a **digital twin** starting from the data collected on each individual.

Two weeks of monitoring are enough to allow our algorithm to generate a perfect **digital clone of the patient**.

The AI can thus **process unique, faithful and even predictive information** on the person's health status.



OUR PATENTS

The success of SMAiRThero is the result of the work of [MAIS](#), an internationally renowned company.

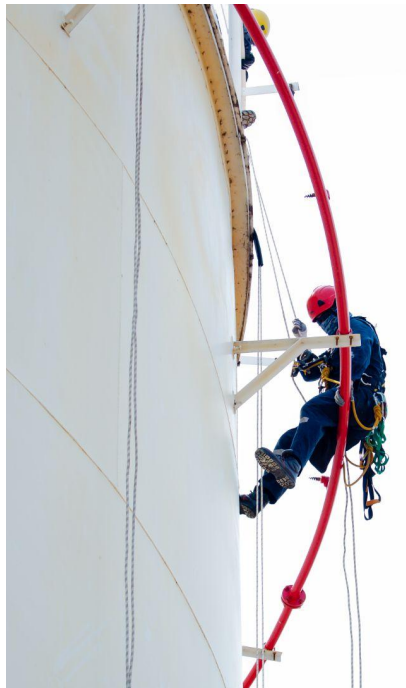
Our AI has already been [patented](#) in the [USA](#) and [Japan](#) and will soon be patented in [Australia](#) as well.

We have already started the procedures to apply for the [European Patent Office](#) (valid throughout Europe).



FIELDS OF APPLICATIONS

SMAiRTHERO is a technology aimed at **companies** with workers operating alone or in high-risk environments, **armies, hospitals** with chronic patients, **institutions** that monitor the elderly and frail people.



MILITARY USE

We have just signed a half million dollar contract with a major [US government agency](#) * which has chosen SMAiRThero as the most advanced AI solution in the industry.

* The signed agreement is subject to NDA.



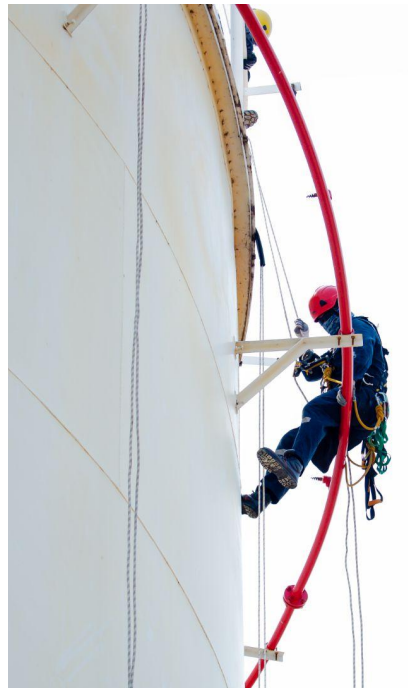
LONE WORKERS

We are already working with [British Telecom](#) to provide the technology to [20,000 employees](#).

In Europe and North America there are over [*260 million lone workers](#), professionals who work away from corporate offices to perform tasks that often see them working alone.

Monitoring the vital parameters of these workers allows companies to [protect their health and improve their efficiency](#).

* Source: IoTBusiness.com



SILVER ECONOMY

By 2050, more **than 2 billion older people** will need assistive technologies*.

Our technology is perfect for clinics that can monitor chronic patients in a non-invasive way but also for nursing homes or elderly people living alone.

* Source: Assistive technology trends – 2021



THE BIOMETRIC SENSOR

To ensure maximum reliability and ease of use of the SMAiRThero technology, we have created a [biometric sensor](#) that can be worn on the wrist like a normal watch [to detect in real time and transmit the patient's vital parameters in full safety and reliability.](#)

The biosensor detects:



heart rate



blood
oxygenation



the surface
temperature
of the skin



falls or violent
shocks



THE SMAIRTHERO ECOSYSTEM

SMAIRTHERO is a **complete** and **patented** ecosystem consisting of:

- a **biometric sensor** that detects vital data
- an **app** (Android and Apple) that sends the biosensor's encrypted data to the cloud
- an **AI algorithm** that processes the data in real time and transmits them to the doctor or to an operations center.



WHY SMAiRThero

There are at least 10 reasons:

- 01 | Our algorithms are patented in 3 countries
- 02 | Our technology is the most advanced in the world and is tested in civil and military fields
- 03 | We are used to working with clients from all over the world and of any size
- 04 | We are able to customize the service on specific customer needs
- 05 | All transmitted data is encrypted and always safe
- 06 | Our AI is the only one that recognizes false positives with 99.9% accuracy
- 07 | We are able to process data from both smart devices (of any brand) and data lakes
- 08 | We made a proprietary biosensor
- 09 | We offer our customers a complete ecosystem
- 10 | We have a medical certification

TEAM

Professionals and industry experts with international experience.

MARCO MATTESI
Sales Director



ILARIO SACCHI
Executive Officer



MASSIMILIANO GARRUZZO
Scientific Director



ROCCO GALLUCCI
Business Development Manager



CONTACTS

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