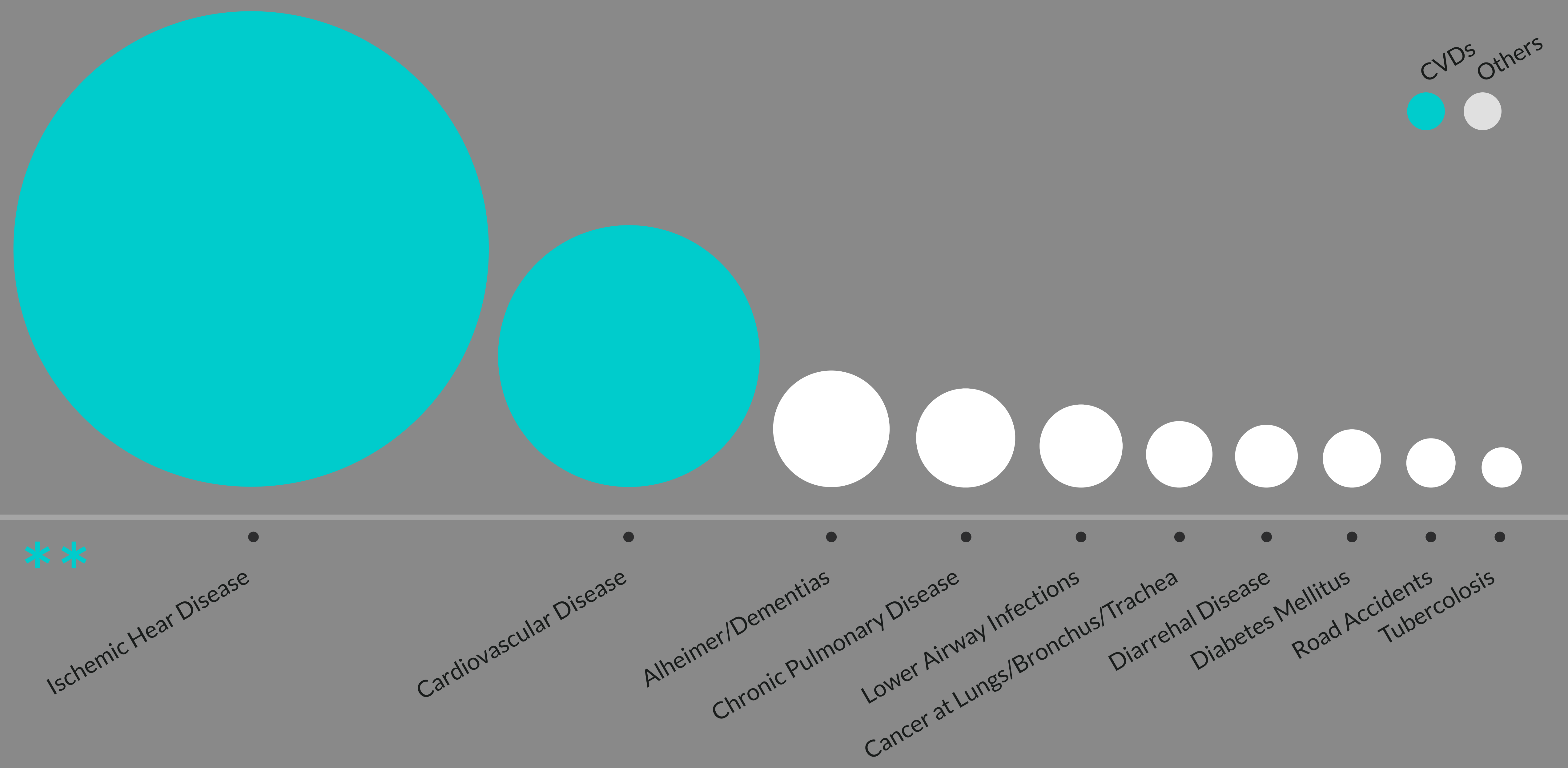




Predictive system, AI based, for the monitoration and prevention of cardiovascular diseases (CVD's).

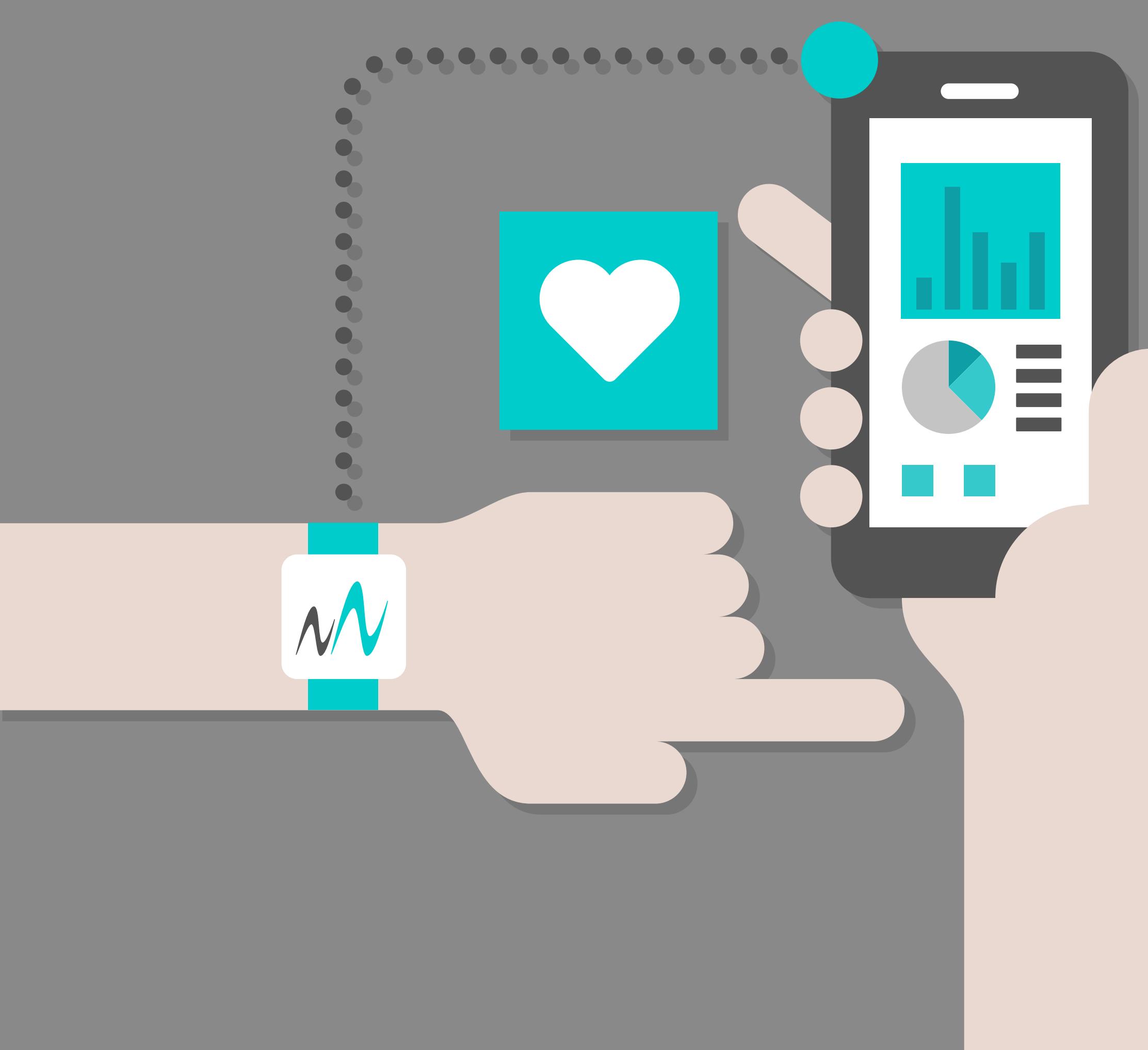
In 2016 CVD's has been the prime cause of death worldwide with a **31,5%** of deaths caused by it*



80% of heart diseases and premature ictus are predictable

Users needs

Easy and continuous home check up in ill subjects or people at risk, to prevent the onset od CVD's and related diseases.



Solution

Wearable system provided with sensors capable of collecting an ECG medical trace (15 standard derivations + 4 duplicates) with an acquisition firmware, filter, pre processing, conversion and sending of biometric data.



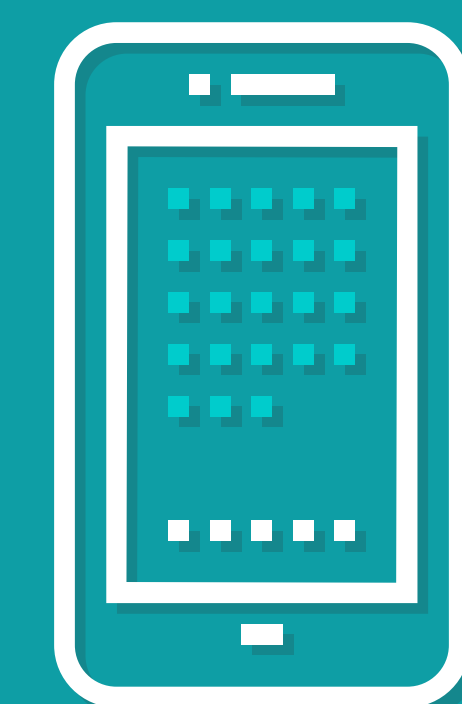
SOFTWARE AND INTERFACE



Web platform, collections and analisis of data via dedicated AI and data storage

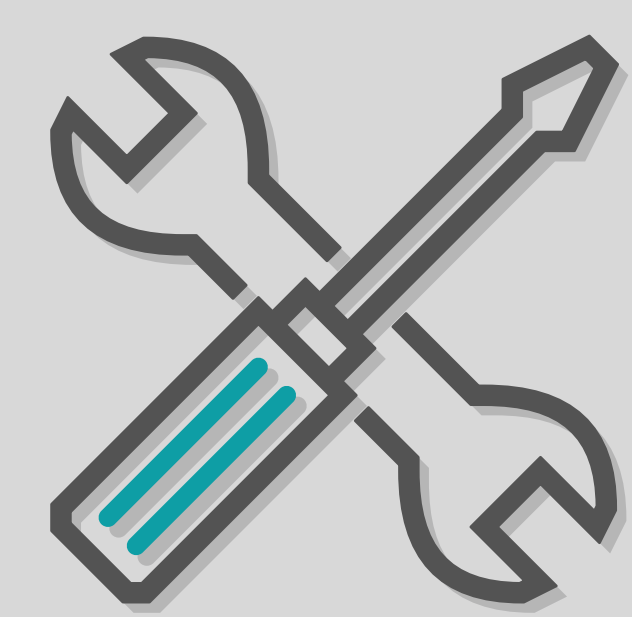


Web App interface for alert, statistics and data visualization.



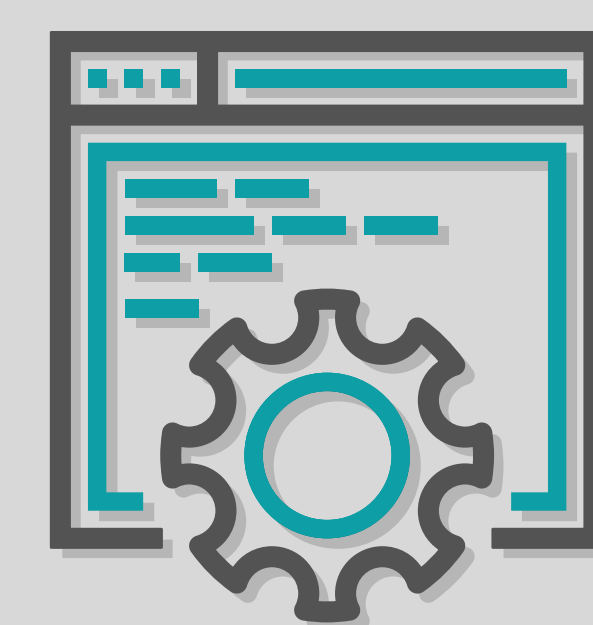
Mobile App for daily devices management.

TECHNOLOGY



Hardware

Micro/Nano electronics for the bracelet, flexible sensors and smart fabric for the underwear. (Sensors integrated in the fabric)



Software

Cooperative convolutional neural networks, management protocol based on blockchain.

INTELLECTUAL PROTECTION

1st Level of protection registered (05/2016)

2nd Level WIP

STATUS OF THE ART

Hardware

Laboratory prototype new in production



Software

Demo neural classification network.



Web platform: to be developed.



App: to be developed.



REFERENCE MARKET

B2C on a large scale

Appeal

