



Covid-19 **contact tracing solution**

The end-to-end solution that stops
the spread of the disease

Minimize community spread of Covid-19

Contact Tracing Solution

The unique Bluetooth wristband that **makes contact tracing and social distancing alerts, to stop the spread of the disease.**

The system is able to notify people who have had contact with a diagnosed person, to initiate preventive quarantine.



EASY TO USE

Simple Bluetooth wristband that **detects other bands** in a range of 6 feet (2 meters).



EFFECTIVE

Lockdown only groups of people, rather than the entire population.



SECURE

Encrypted and ephemeral ID, that only the system manages.

Bluetooth wristband technology

One product, two functionalities

Contact tracing: know, through **encrypted, ephemeral and anonymous ID** all the contact chain of a diagnosed person, and isolate only this group of people



Social distancing alert: ensures that **safety measures are met**, with physical distancing alerts



TECH ASPECTS:



- Bluetooth Low Energy (BLE)



- Battery lifetime: 5 days scanning every 10"



- Rechargeable lithium battery



- IP 67



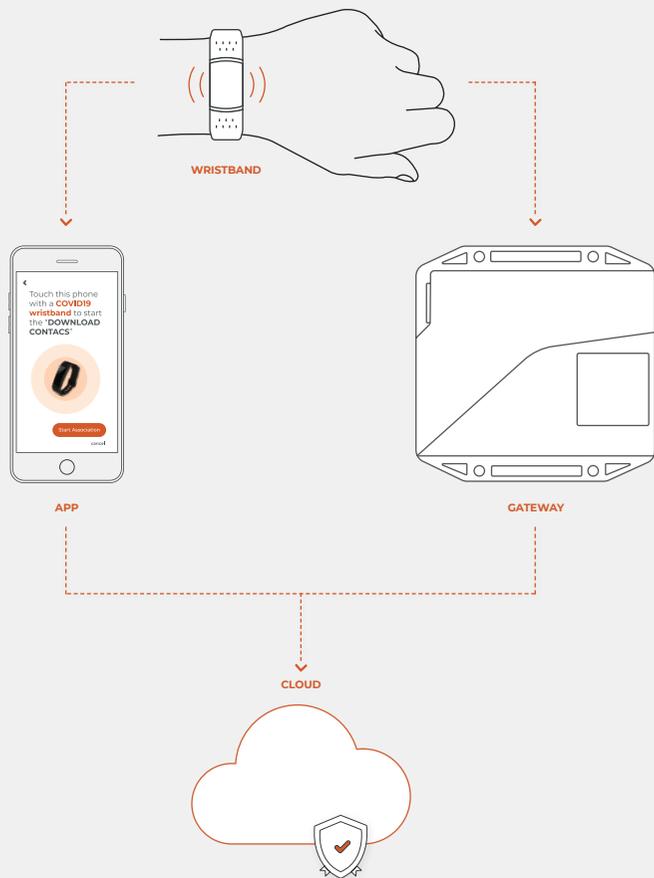
- Encrypted data



- Anonymous solution

The data in the cloud

ARCHITECTURE:



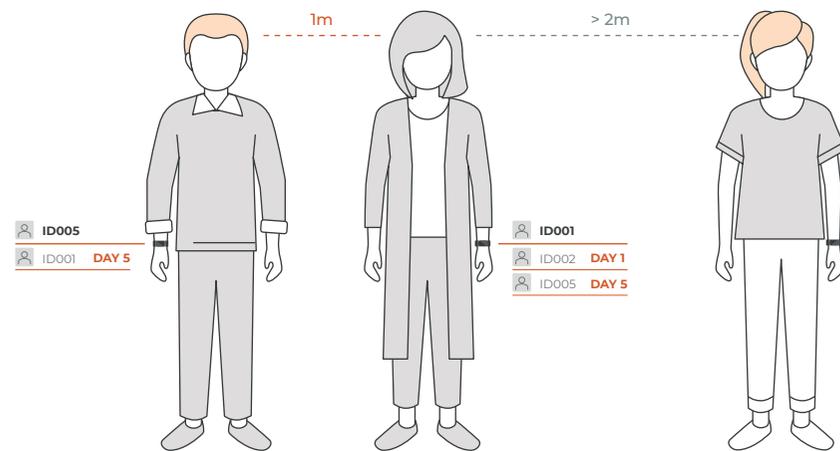
The solution that prevents the spread of a contagious disease

The simplest and most effective solution

CONTACT TRACING

01

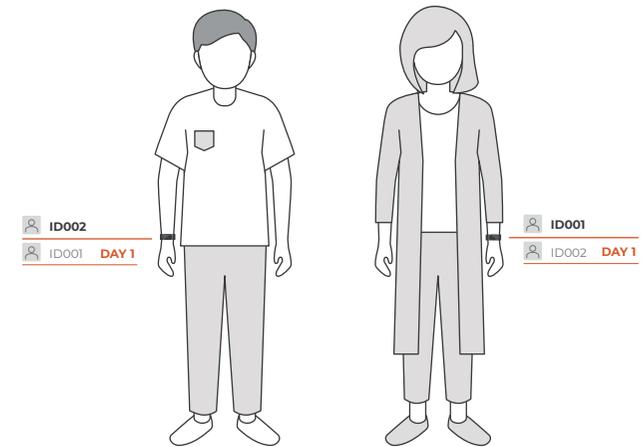
The Contact Tracing wristband **detects other bands** in a range of 6 feet (2 meters).



CONTACT TRACING

02

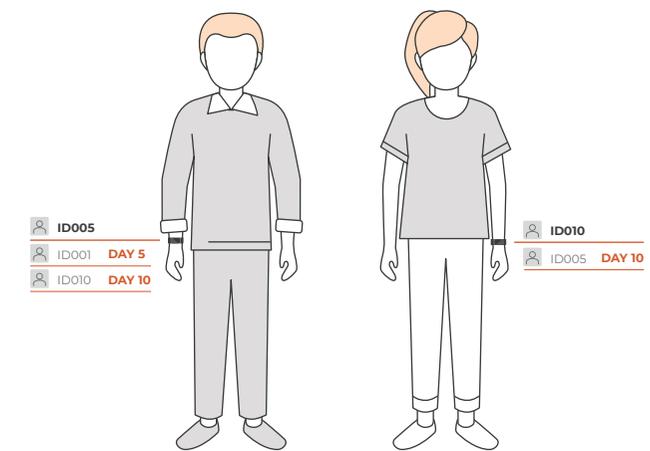
The system registers **encrypted contact tracing** data within the last weeks, to know, anonymously, the contact chain of each band.



CONTACT TRACING

03

The system could reconstruct even multi-level contact chains.



CONTACT TRACING

04

If someone wearing the wristband tests positive, the system uploads the encrypted user data, to **notify people they must quarantine.**

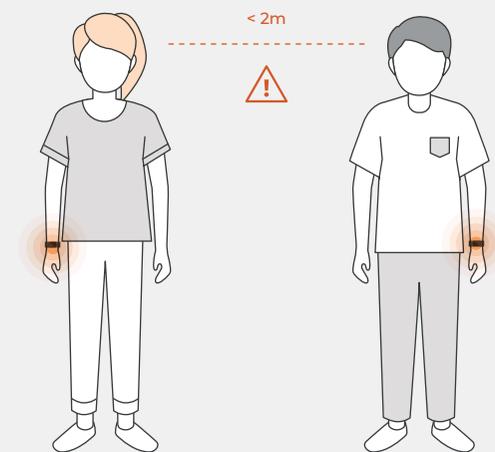
ONLY THE SYSTEM CAN MANAGE THIS DATA



SOCIAL DISTANCING ALERT



When someone skips safety measures and **does not respect the physical distance** of 6 feet (2 meters), the wristband vibrates.



Guarantees Data Privacy

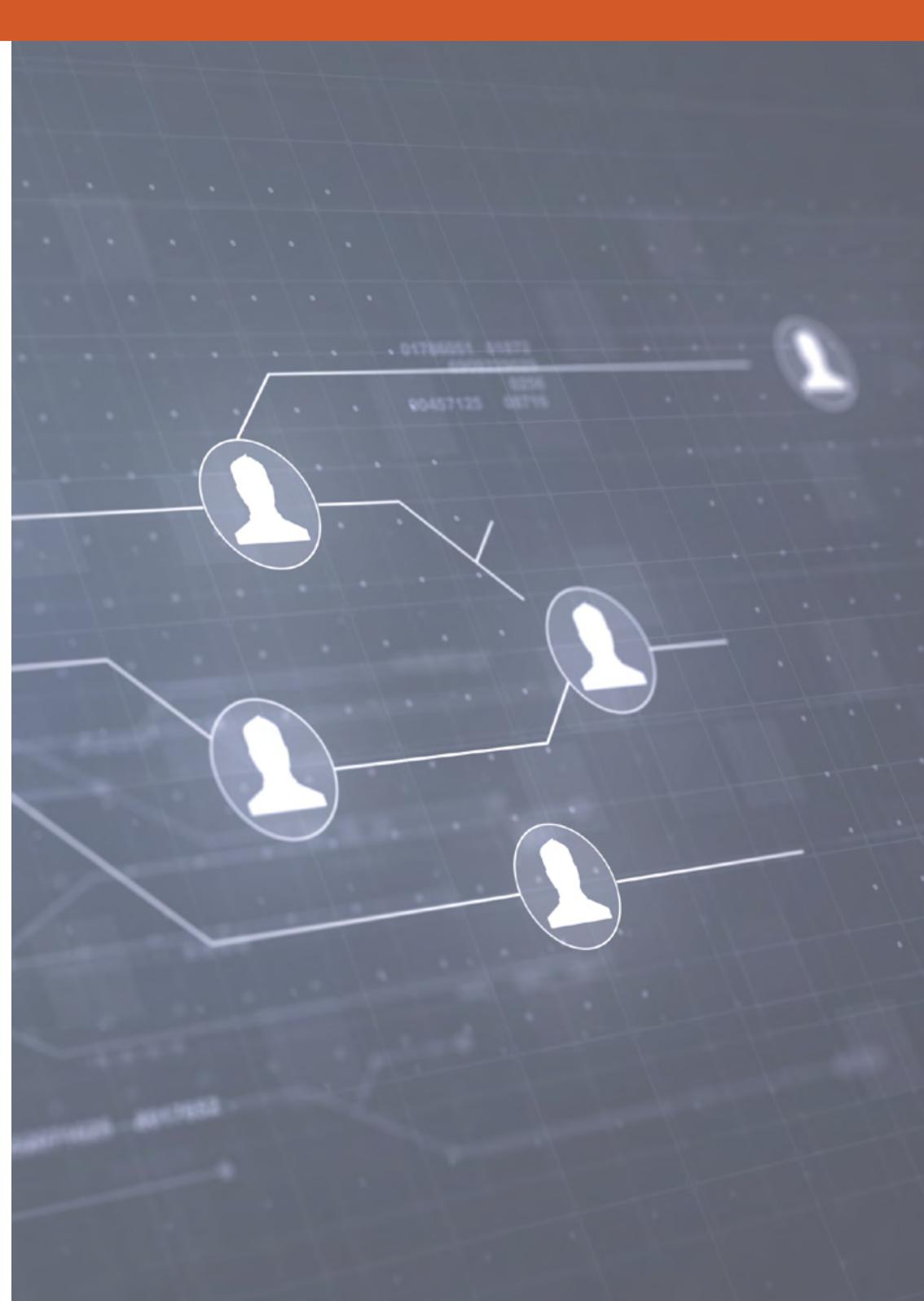
Secure and encrypted

The system **does not compromise the security of the citizenship**, since these are encrypted identifications that only the system can manage, in order to notify the potential infected people due to a contact with a person that has been diagnosed positive for COVID19

UNINTRUSIVE AND SECURE SYSTEM.

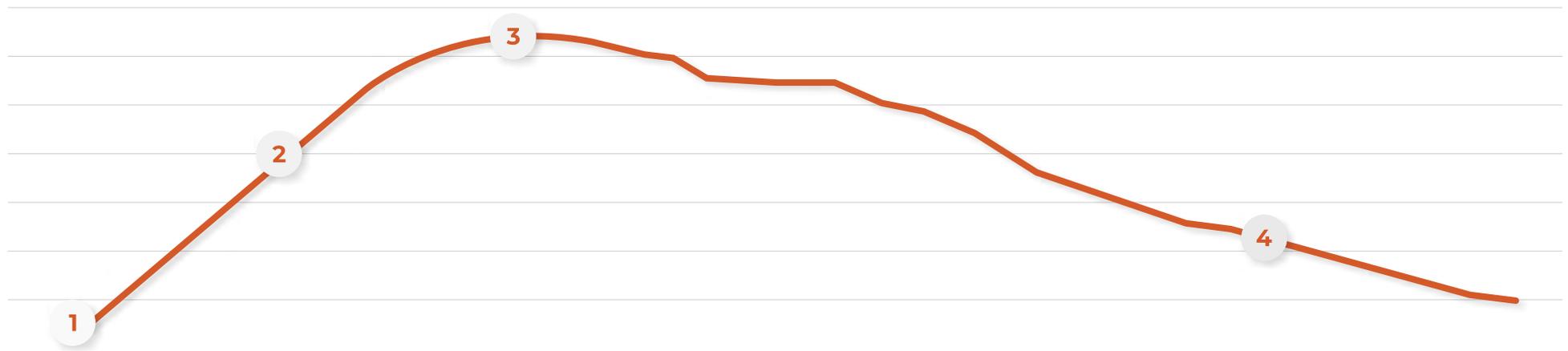
NO PRIVACY INVASION.

GDPR compliant. ✓



Deployment phases

Tracing efforts in each phase of the contagion



Phase 1: Early stage

Isolating people efficiently during the onset of expansion is important to prevent massive disease growth. That's why it's vital the system registers, anonymously, the contact chain of positive people for a **better tracking and insolation.**

Phase 2 & 3: Expansion and peak

Although the virus is out of control and the population is confined, there are **groups that cannot stay at home and who are exposed to the disease:** police officers, first responders, politicians, grocery workers... It is essential the system maintains the tracing to **ensure their safety.**

Phase 4: Containment

It is the most important phase to make sure **every case is traced, secluded and treated.** This way, the cycle won't start again and **the risk of a new wave of contagion is significantly reduced.**

Use cases

Easy deployment. Immediate results.

Governments and Countries

USE CASE 01

WHO SHOULD WEAR IT:

Almost everybody in a concrete area should wear the Bluetooth wristband.

ARCHITECTURE:



Exposed groups

USE CASE 02

WHO SHOULD WEAR IT:

Only small communities that are exposed to Covid-19, like police officers, first responders, politicians, grocery workers...

ARCHITECTURE:



Health centers

USE CASE 03

WHO SHOULD WEAR IT:

Health workers, to ensure the social distance is met and there is no risk of infection between them.

ARCHITECTURE:



Senior care living

USE CASE 04

WHO SHOULD WEAR IT:

Seniors and healthcare staff. They will isolate those who may be infected, to prevent them from infecting the rest.

ARCHITECTURE:



Companies

USE CASE 05

WHO SHOULD WEAR IT:

All the staff of the company. Know if social distance measures are met and ensure there are no mass contagions among your staff.

ARCHITECTURE:



Gyms

USE CASE 06

WHO SHOULD WEAR IT:

All users of the fitness club. Guarantee physical distance between users and detect potential contagion at an early stage.

ARCHITECTURE:



Big events

USE CASE 07

WHO SHOULD WEAR IT:

All event attendees. If one of the attendees tests positive, the system can notify the people who was in contact with him, for preventive isolation.

ARCHITECTURE:



Who we are

- ✓ We are a **technology company**.
- ✓ We innovate, design and develop **IoT Solutions** and **Products for Enterprises**.
- ✓ We partner with big **Technology Companies** such as Google, AWS, Nordics...
- ✓ We **research** and **innovate** together with Samsonite, Boehringer, and other big companies.
- ✓ We are leading the industry providing **Bluetooth, NB-IoT and LTE-M** solutions.



consultancy



custom software



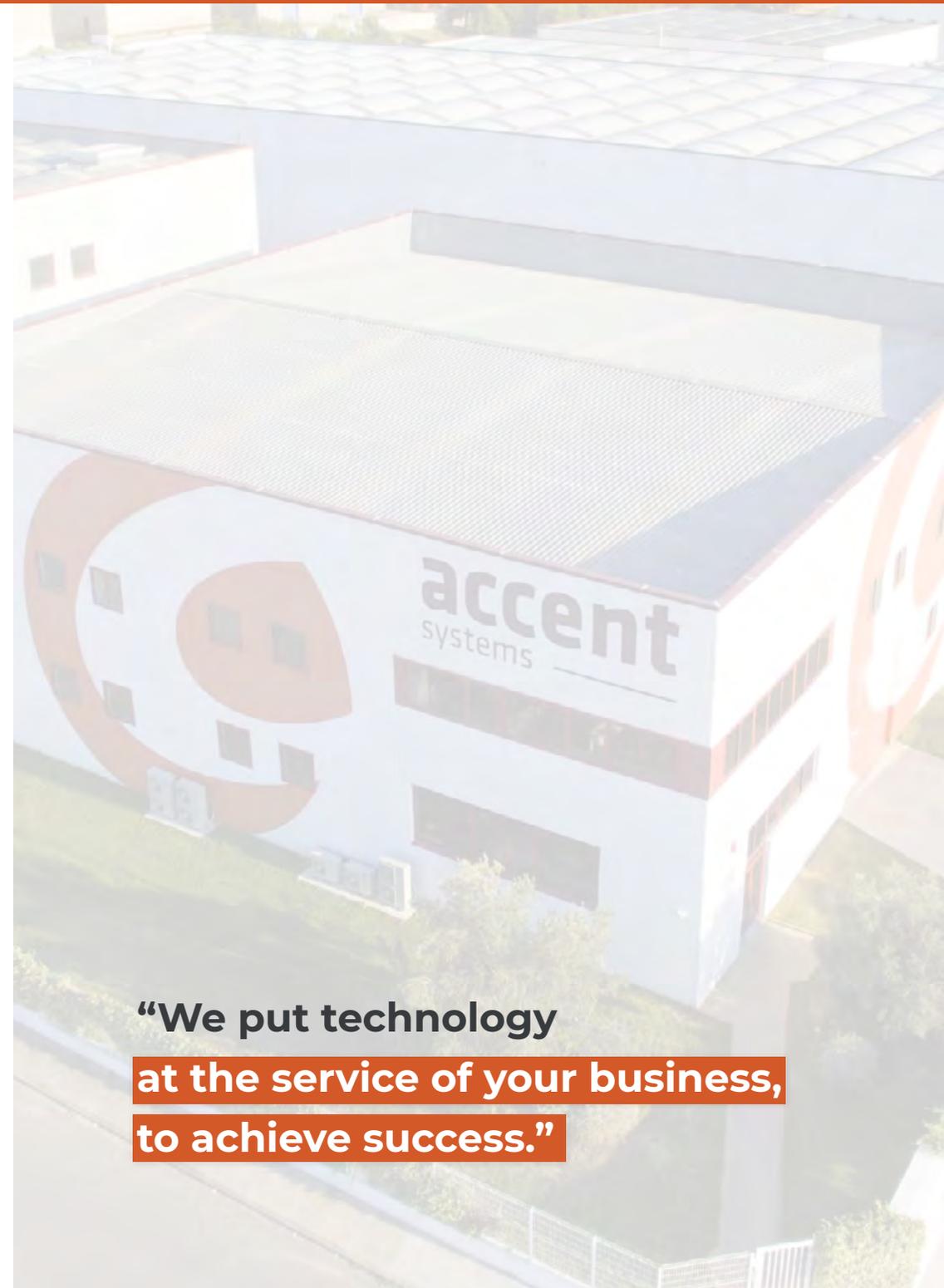
hardware engineering



in-house manufacturing



industrial design



**“We put technology
at the service of your business,
to achieve success.”**



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