



**ADILIFE**

COVID FREE  
SOLUTIONS  
FOR YOUR  
BUSINESS



## HOW TO PROTECT YOUR WORK AND EMPLOYMENT

**ADiLife s.r.l.**

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# Covid-19 Emergency : COVID FREE COMPANY SOLUTION

## Background

The Covid-19 pandemic and the imposed safety restriction are causing enormous problems to our economy, effecting the entire corporate/business sector, compromising production and service activities. This pathology leads, in its strongest manifestation, to the hospitalization of the patient in intensive care with the risk of survival. Digital contactless solutions have a major role in safety maintenance not only for the quarantine isolation of suspected users, but also to help provide a more safer work place and allow companies and their employees to access secure COVID FREE areas and restart their business activities in SAFE ENVIRONMENTS.

## ADiLife COVID 19 health monitoring platform

ADiLife C-19, already in use by many health care providers for quarantine monitoring, is the solution which grants active monitoring of your company's workers during the COVID 19 emergency event.

ADiLife is a medical device web platform that stores data in a Cloud server and is accessible through a common internet connection, using any web browser, in full compliance with the GDPR. This solution is an innovative tool that allows continuous and real-time communication and interaction between the worker and the "employer", granting access to the company's COVID FREE safe area, monitoring alteration of any parameter or symptom evidence. Access to the platform is very easy, making use of Internet, telephone networks and any digital device such as PC, tablet, smartphone.

## Who does it work

The core of the innovative web platform, is the dedicated COVID 19 App. The platform allows :

- to receive a special COVID 19 symptom questionnaire from the worker's App, including measured physical parameters such as temperature, in order to verify the good health status of the employee in relation to COVID-19;
- automatic analysis of the gathered data through a pre-set threshold mechanism on the platform, which verifies the presence of any critical issues and, if necessary activates the appropriate intervention procedures sending alerts to the company's supervisors or medical staff.

The system does not require any installation or specific training.

ADiLife C-19 App is compatible with any smartphone and tablet ( Android, iOS and Windows operating systems), and allows employees to update their health status through the symptom questionnaire and temperature measurements. Physiological parameters are gathered in a safe way using either IR NO TOUCH thermometer or Thermal Imaging Cameras.

In addition the platform provides tools to manage the company organization: creation of groups, sorted by worker's profiles, department or geographical area etc. ; association of groups to supervisors to provide a better and constant management of health surveillance, during the time spent in the company, granting COVID FREE safe working conditions to all company's employees.

## Access to ADiLife ecosystem

Once the platform is set in accordance to the company's organization criteria each workers will receive an user account, download the mob app on his smartphone or access the web app page using its assigned user ID and password to login .

## The advantages

- Remote management and monitoring of a large number of people within the company through an automatic system
- Reduce the number of infections and the risk of company's closure through global prevention
- Ensure greater safety for workers, drastically reducing the risk of contagion with colleagues in the workplace.
- Workers have the opportunity to actively interact through the app, communicating their conditions in real time.
- Reduce the sense of isolation, transforming their condition into a continuously shared and monitored situation.
- Allow complete management and customization of the alerts and symptoms tracking ,
- Require a remote tele-visit where necessary, with the reference physician or healthcare organization, thanks to the video communication integrated system .

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## Additional features

### Access



- The users web App is OS agnostic and compatible with Android, iOS and Windows operating systems.
- Access to the platform to start the COVID19 surveillance service is possible after receiving the user account provided by the company's reference structure

### Secured data



- Platform hosted on IBM Cloud services,
- Cyber Security (VA/PT)
- SaaS provisioning service model

### Privacy compliance



- Encrypted Data transfer with TLS/HTTPS protocol.
- All access are password protected
- Encrypted Data storage and restricted access to authorized profiles

### Certified



- Medical device certified platform

## How does it work?

ADiLife platform is meant to automatically monitor incoming data from the user's App and trigger alerts in case of out of range alerts. The user App monitors two main factors: COVID 19 questionnaire compliance and temperature. Data are automatically sent to the platform, populate the user health record. The company may create its own Access Control Point, in charge of workers safety. The Access Control Point will monitor incoming data, manage the company safe access, using ADiLife platform. If data are out of range the company may evaluate possible actions (temporary suspension of access to the company - request for health check). Companies may have one or more access points, depending of the demotions and location of their sites. The Access Control Point can carry out a first filtering action of the anomalous situations to activate the warning towards the worker and to the referent physician of competence to start the procedures, indicated by the healthcare authorities in order to safely manage the worker.

## What can the Access control point do?

- View the status of workers belonging to the assigned group
- Groups can be configured on the basis of workers, departments or geographical areas, etc.
- Can monitor data entered by the worker at any time.
- Manage tele visits or video call with doctors or health care structures.
- Set custom thresholds and manage alerts based on recorded values.
- Communicate with the worker through the app notifications service.
- Manually add measurements using contactless devices such as the IR NO TOUCH thermometer included in the proposal ( i.e. reception or company entrance).
- Alert user for missing questionnaire answers or out of range data (via sms/e-mail).
- Create, add, delete or modify groups and users,

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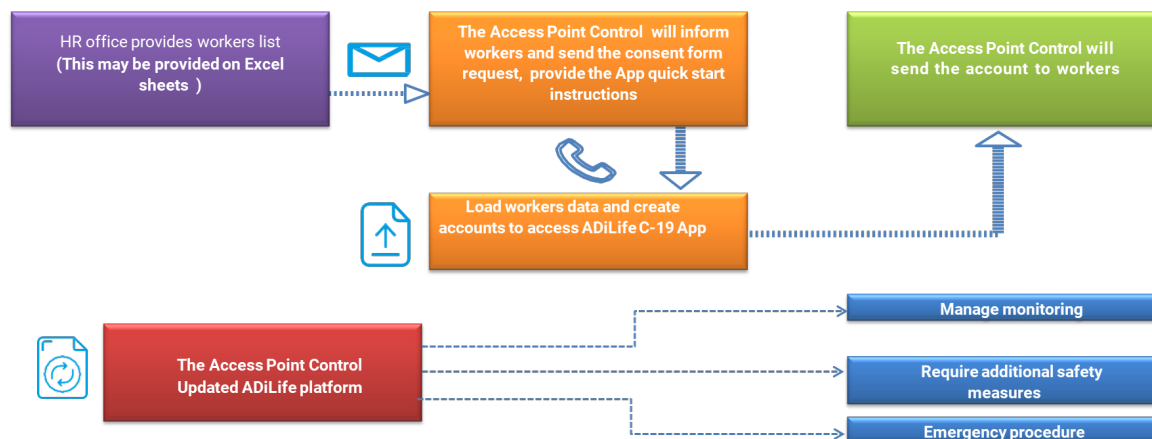


## What can the worker do?

Making use of his App he can::

- Add temperature measurements manually (if required)
- Answer the COVID19 questionnaire
- Receive notices for appointments or tele-visits
- Have video call with the reference healthcare operator directly from his smartphone and / or PC (option)

## Example of APC work flow chart



The diagram shows the procedure to activating ADiLife C-19 monitoring system. Each worker reported by HR department is contacted and, after being profiled, is instructed, how to install the App on its device and will receive his account (via email / WhatsApp / SMS / phone) with a temporary password.

Once the credentials are received, he will follow the instructions to create his own password, and can start sending his data according to company's safety procedures.



## USER CASE

### Small - Medium Company version

#### Company staff

1. All employees are equipped with apps and are asked to fill in the symptom questionnaire systematically.
2. The temperature of each worker/employee is detected at the entrance of the company with a **non touch IR** device,.

In the event that either the symptom questionnaire provides COVID 19 compliant answers or the detected temperature is higher than 37.5 ° C, the system automatically reports to the Access Control Point in charge (i.e. HR or Security ) and / or to the company health reference contact an Alert for detected condition requiring further study with consequent temporary suspension, limiting access to the company until a more detailed health check in made.

#### External staff

Before accessing the company's facilities , each external person must complete a paper form with the questionnaire and check body temperature . In the event that either the questionnaire answers are positive or the detected temperature is higher than 37.5 ° C , access to the company will be denied .

### Large version - Enterprise XL and XXL

#### Company staff

1. All employees are equipped with apps and are asked to fill in the symptom questionnaire systematically.
2. At the entrance of the company, the temperature is detected with a **thermal imaging camera** positioned at the gate to speed up the flow of entry into the company.

Since the thermal imaging cameras does not guarantee a high accuracy of detected data ( $\pm 0.5$  ° C), in the event that the measured temperature is equal to or greater than 37.5 ° C, the person in charge at the entrance will carry out a second Verification with medical certified **IR no touch thermometer**.

In the event that either the questionnaire answers are positive or a temperature higher than 37.5 ° C is detected (verified by means of an IR no touch thermometer), the system automatically reports to the Access Control Point in charge (i.e. HR or Security ) and / or to the company health reference contact an Alert for detected condition requiring further study with consequent temporary suspension, limiting access to the company until a more detailed health check in made..

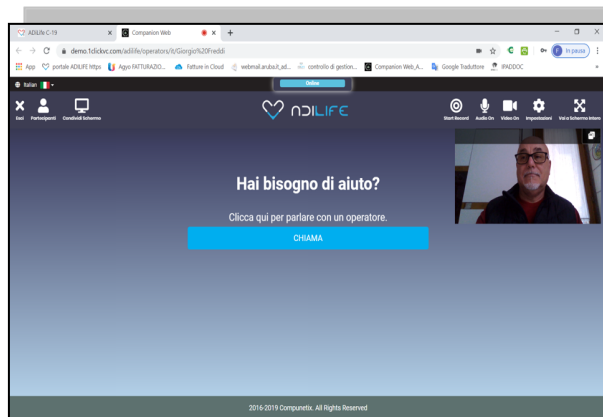
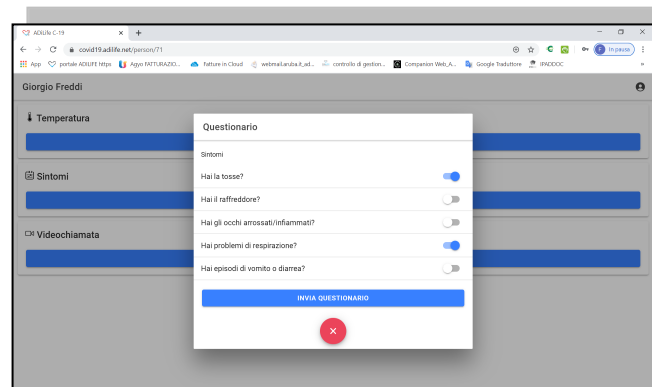
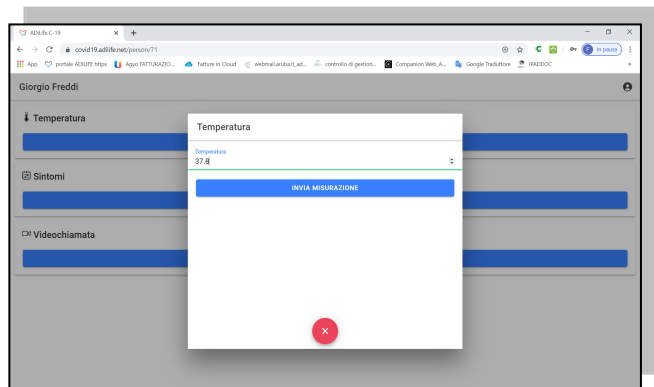
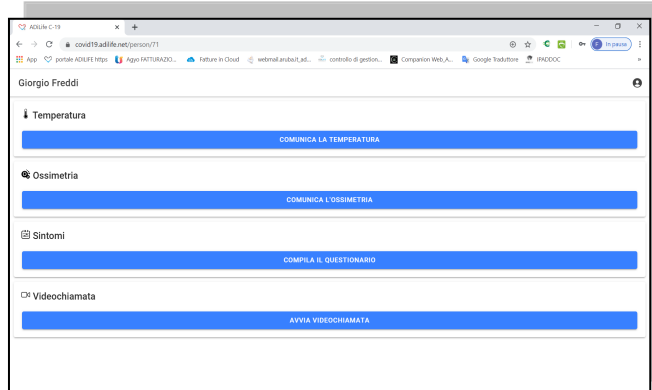
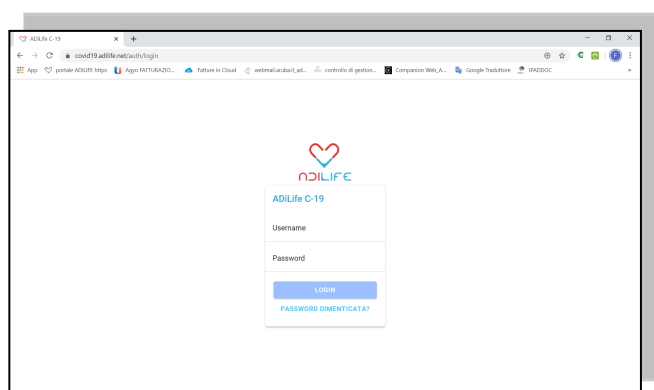
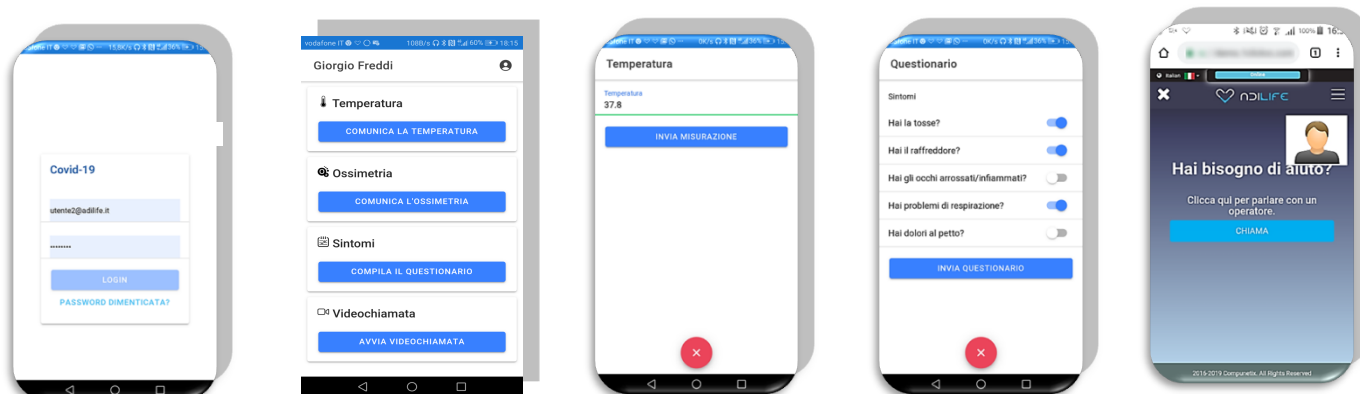
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## APP (Android, iOS Apple e PC Windows)



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