



CAD.42

SAFER & SMARTER

presents

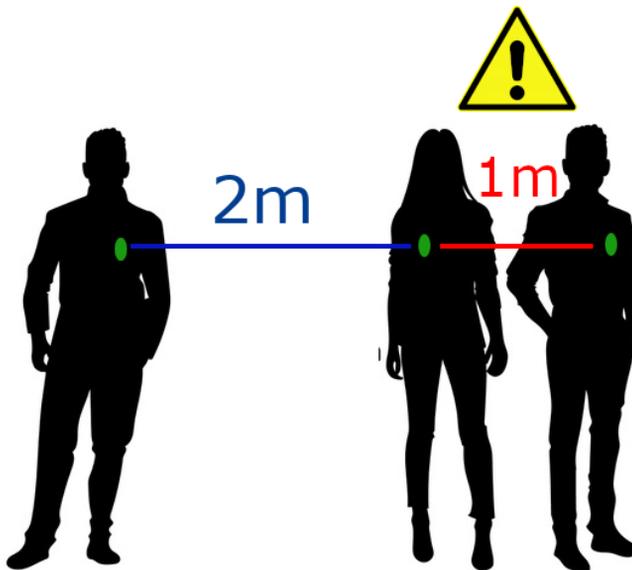
KYD.42

KEEPS YOUR DISTANCES

Social distancing

The OPPBTP recommends rethinking the organization of operations with workstations that guarantee a minimum distance of one meter between operators, an essential measure to combat the spread of SARS-CoV-2.

KYD.42 is the smart tag developed by CAD.42 to help operators maintain this distance and therefore develop the reflex of changing their working habits.



KYD.42

The proximity detection between two tags is ensured by a measurement of the flight time difference between the nearby tags. The alerts can be synchronized daily with FieldTracker for monitoring data in a process of continuous improvement.

Equipment

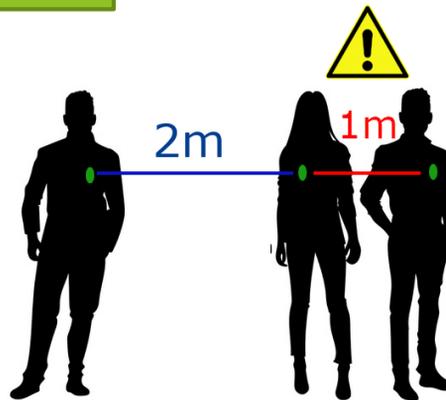
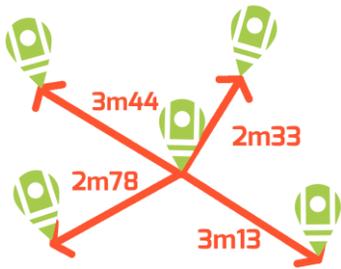


KYD.42

Key info

- Relative distance calculation
- Accuracy <10 cm
- Battery tag: 10 hours
- IP 54
- Charging : usb-c

Illustration



Pros	Cons
Simplicity (no infrastructure)	
Compatible with FieldTracker by daily synchronization.	

Starter Offer

Starter Offer

KYD.42 device +
Charging dock

1 year warranty

Online training

Mail support

From 149€ to
169€ per tag

Option

+1 year warranty
€ 35

Offer without connectivity, plug and play: you distribute the KYD.42 devices to your employees, they switch them on and the devices alert them when they are less than 2m away (customizable to your needs).

This offer is has a 1 year warranty on KYD.42 with the possibility of taking an extension of this warranty up to 3 months after delivery.

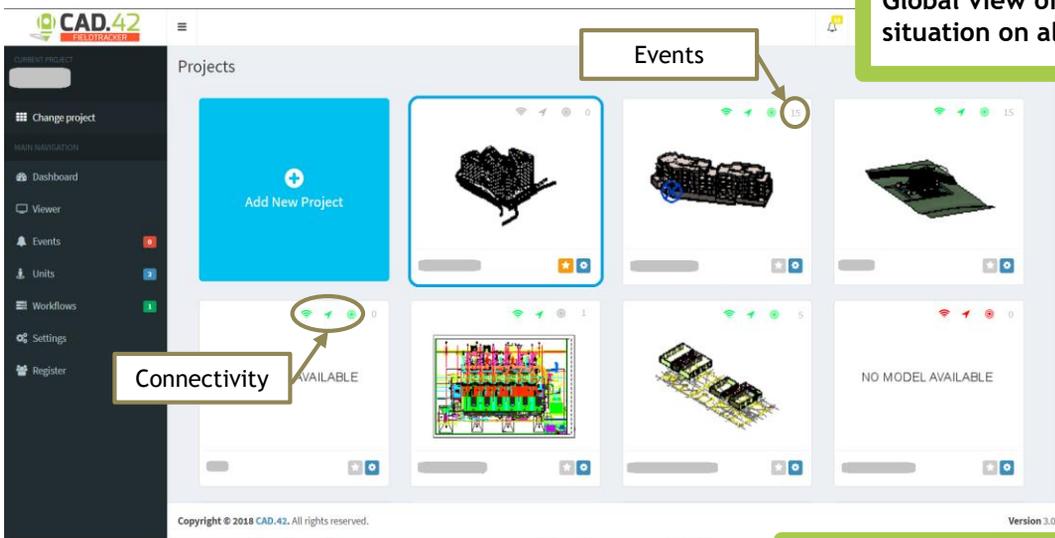
You will also have remote support to guide you on setting up and operating the system.

Finally, you can always contact our support to report any problem through our ticket system.

FieldTracker

FieldTracker is the platform for collecting, viewing and analyzing field data. Coupled with social distancing solutions or tracking the number of employees per room in the bungalow, this web application allows you to set up continuous improvement policies with data and reports that can be generated daily.

Global view of the situation on all your sites.



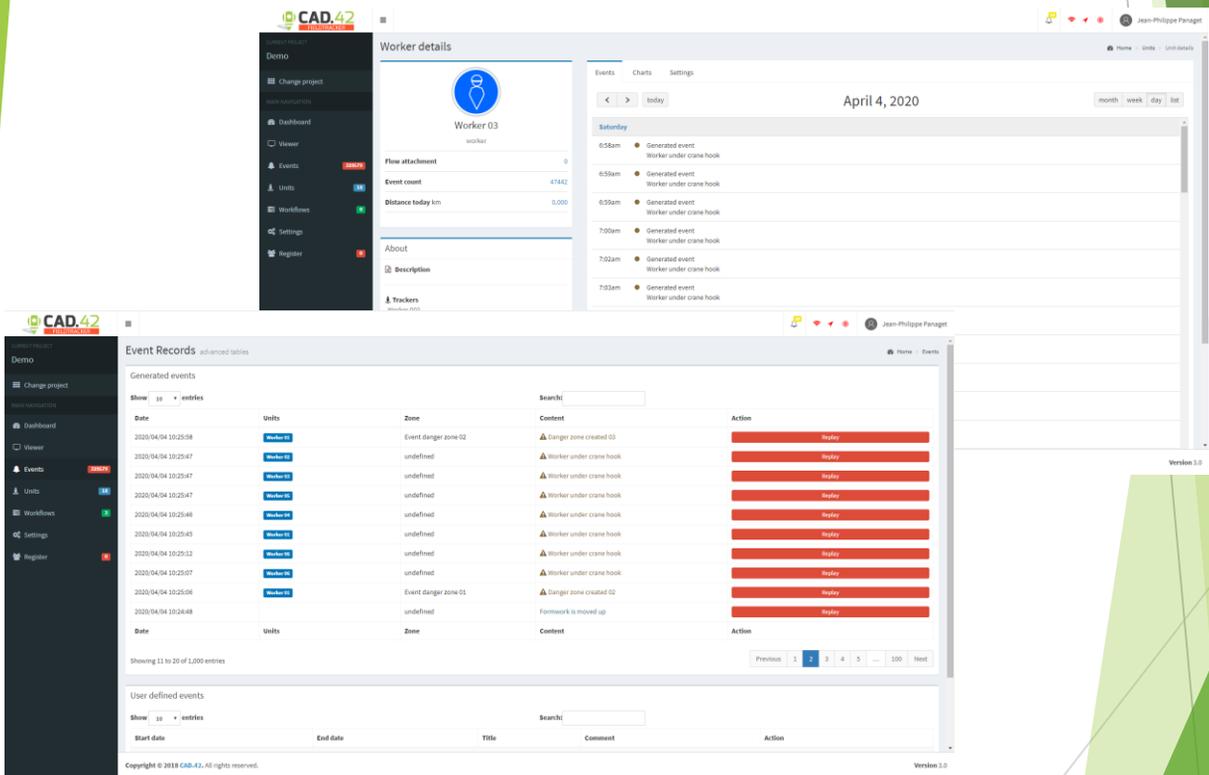
Access to real-time data to create alerts, analyse and correct risk situations on each site according to specific cases.



FieldTracker

The project event log or the event calendar for each tag can be used to find any contacts that have been made. This functionality allows to warn people who were near another positive test in the previous days. **For this use, respect for personal data must scrupulously respect the GDPR regulations.**

In the case of anonymized use, the data generated by the system not being geolocated or identifiable data, they do not fall under the regulations on personal data. The data will therefore only be used from a statistical point of view to carry out, for example, targeted prevention actions on certain sites or to identify risky operating methods.



Data offer

Data offer

Starter Offer



FieldTracker

On-site training
1 day

Support SLA 48h

5 hours of
support over visio

Unlimited
warranty

From 149€ to
169€ per tag

Subscription
400€/month

up to 100 tags then 4 € / month per additional tag
12 month plan

Connected solution : The devices always work immediately and exactly the same way.

The connection will be made when the devices pass near a gateway (sending the data online) by Bluetooth or by UWB. So it's not real time.

We will move on site to deploy the means of connectivity, recharging of devices and train you on site.

The device warranty will be automatically extended upon payment of each installment of your subscription.

Our FieldTracker platform, as described in the previous slides, is accessible from any computer, phone or tablet.

Offer Portfolio

Starter Offer	Data offer	Expert Offer
KYD.42 device + Charging dock	Starter Offer	Data offer
1 year warranty	+	+
Online training	FieldTracker	HSE interventions
Mail Support	On-site training 1 day	Dedicated 24h support
	Support SLA 48h	
From 149 to 169€ per tag	From 149 to 169€ per tag	Price depending on project
Option +1 year warranty € 35	Subscription 400€/month up to 100 tags then 4 € / month per additional tag 12 month plan	

KYD.42 post COVID-19

Within 12/18 months or before the marketing of a vaccine, one can imagine that the rules of social distancing are no longer as restrictive. KYD.42 will adapt and can then be used in such a simple way to deal with safety issues on your production sites.



KYD.42 can also be used with the CAD.42 precision geolocation system as described here: https://www.youtube.com/watch?v=-csUFYDydCg&feature=emb_logo

Security use cases:

Alert when passing under the crane danger cone

Vehicle / pedestrian collision

Risk identification

Physical strain measurement...

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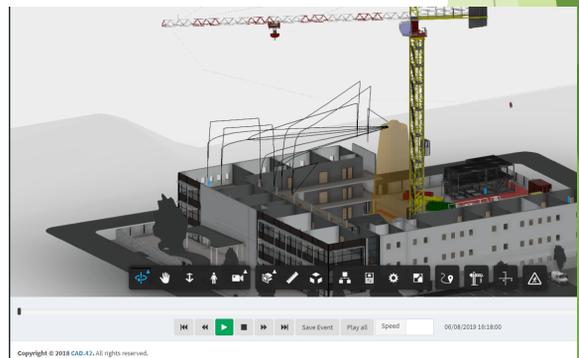
Lean use cases:

Equipment tracking

Measurement of time spent by operating station

Spaghetti diagrams

...



Q & A

- What does this connected object look like? How is it used?

KYD.42 is a device that has the format of a big car beep: it is 7 cm in diameter and 2.5 cm thick. It is possible to hang it on a keychain, around the neck, but also on a protective helmet, or simply in a pocket.

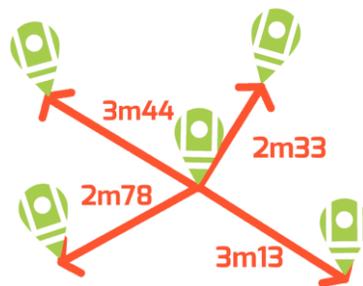
The system has an autonomy of ten hours. An ON / OFF button enables it to operate. Once switched on, if the device is less than 2 meters from another switched on device, an audible and light notification is emitted per second to warn the companions concerned. If the tag is less than 1.5 meters away, then the frequency of sound and light alerts increases. The sound signal stops after 5 seconds, but the light strip stays on until the companions move away again.

- How does KYD.42 meet the precautionary rules now required for the resumption of construction sites?

First of all, it meets the distancing rules requested by the government. In its guide, the OPPBTP recalls that respecting this distancing is essential. It also seems that it will be complicated to provide FFP2 masks in sufficient numbers on all sites, compliance with barrier gestures will therefore be all the more imperative.

- How does the system actually work? With what technologies?

This is called a "ranging" system. Each device synchronizes with those around it (within ten meters). Thanks to the ultra wide band (UWB), the devices will assess their distances by measuring the flight time that the radio waves will take to reach another device. The measurements are made about twenty times per second for each of them.



Q & A

- What is FieldTracker?

Optionally, we offer our customers to collect the data generated by our devices. FieldTracker is the web application provided by CAD.42 which collects data in order to make sense of it. In the case of social distancing, our users will find there - for example - graphs on the number of alerts per day, per site, or by profession in order to identify why not unsuitable constructive methods and conduct prevention or prevention policies. 'continuous improvement.

- Isn't there a risk for users' personal data? (displacement tracking ...)

It is not a geolocation system. We know that two devices were close at one time but we do not know where. Furthermore, if the connected option is chosen by our customers, we recommend anonymized use. In this case, each companion can take any tag in the morning on the charging stations and put them down at the end of the day.

For more info: contact@cad42.com