



# Contact Tracing Application For Hotels & Resorts



## What Is It?

A mobile app that runs in the background of your phone, alerting you when you may have come into contact with someone who tested positive for an infection, preventing any further spread of a virus.



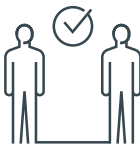
## How does it work?

Hepius passively records epidemiological data associated with every encounter made between app users using a combination of Bluetooth Low Energy (BLE) data and supplemental, patent-pending technologies. When an app user tests positive for a contagious infection or virus, Hepius will notify all other app users within the chain of contact of their risk exposure so that they may test and quarantine themselves to prevent additional suffering.

All data is completely secured with anonymized user keys and expiration dates so that no user can be identified within a data set.

# What Contact Tracing Information is Provided?

To equip your organization with the very best contact tracing strategy, the following epidemiological metrics are recorded with each contact event:



## Proximity

How close was the contact event?

(within 5-foot margin of error)



## Duration

How long did the contact event last?



## Time & Date

Each contact event is time-stamped.



## Transmission Chain

To what degree of separation was the contact event from the infected user?



## Location

Where did the contact event occur?

(specific to work environment)





# What Makes Hepius the Best?

While we certainly didn't see this epidemic coming, our team happened to develop exactly what our world needed during its greatest moment of crisis. With a four-year head start in optimizing the underlying technology for our friends in the airline industry, we worked day and night to repackage Hepius to save lives. These extra years of refining our patent-pending software has given us a huge advantage over all other applications, which are wholly lacking when it comes to consistently capturing precise data around contact events.

	Hepius	Others
Centralized Model	✓	No other app offers both options
Decentralized Option	✓	No other app offers both options
Additional Feature Implementation	✓	✗
Notification System	Comprehensive notification system plus more	Some do not have notification system
Client Specific Branding	✓	✗
SDK for Faster Adoption	✓	✗
Proven Record	✓	✗
Round The Clock User Support	✓	✗
Implementation Support	✓	✗

## Epidemiology Data Recorded

Proximity	Extreme Accuracy - < 1 foot	Low Accuracy - 10 feet min
Duration	We accurately measure the contact duration	Duration is often overlooked
Time and date	Reports include time and date of the contact	Reports include time and date of the contact
Transmission chain	Degree of separation from the infected individual	Incapable of designating
Location	Location of the contact down to office and classroom	Some offer inaccurate location proximities
Statistics	Accurate individual historical and daily statistics for personal improvements	No statistics is reported

## Data Privacy

Users' identity	Anonymized 8 character user keys	Not all use anonymized user keys
Data retention	Every data set has a lifespan of 30 days. Then it will be deleted automatically.	Long-term storage
Encryption	Encrypted storage	Marketing data collection
Encryption at rest	✓	✗

# What we offer

Hepius is a real solution to a real problem. While social distancing, aggressive sanitation policies, and PPE requirements are competent tools, no tool has proven to be as effective as app-based contact tracing, which studies show can prevent up to 80% of all transmissions. When it comes to app-based contact tracing, Hepius is proven to be the absolute best, offering the following distinctions:



## Custom SDK Integration

Our team offers a custom SDK that can integrate with your organization's existing application so as to take advantage of an existing user base for faster adoption.



## Notification System

Hepius can push its notifications as soon as the diagnosis occurs, immediately cutting off any potential spread of a viral outbreak.



## Data Aggregation

Hepius can combine data from all users within one area when pushing notifications to ensure all users, no matter their association, are notified of risky encounters.



## Client-Specific Branding

We are happy to work with your organization to offer white-label branding so as to cultivate a trusted experience for your customers.



## Privacy

Data is anonymized and has an expiration date. No personal information is shared.



## Implementation Support

Our team works around the clock to seamlessly implement Hepius within your organization, saving lives and resources.



## Accuracy

Hepius is the most accurate contact tracing app on the market, recording the 5 essential epidemiological metrics (location, duration, proximity, time, and transmission chain)



## Cost

Other methods like symptom checking and manual contact tracing are extremely costly, slow-moving, and greatly affect the customer experience. Don't waste your time and money. Hepius will literally save your organization tens to hundreds of millions of dollars.



## Proven Record

We have already validated our patent-pending contact-tracing technology within several industries to substantiate these bold claims and put your mind at ease.



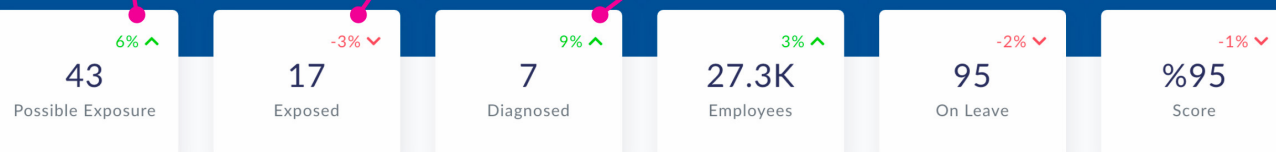
## Control

Hepius can be deployed as a centralized or decentralized model, depending on the clients needs. A centralized model allows the admin to view collective data from a single dashboard (internal employee feature). A decentralized model allows each user control over the notification feature (customer-facing feature).

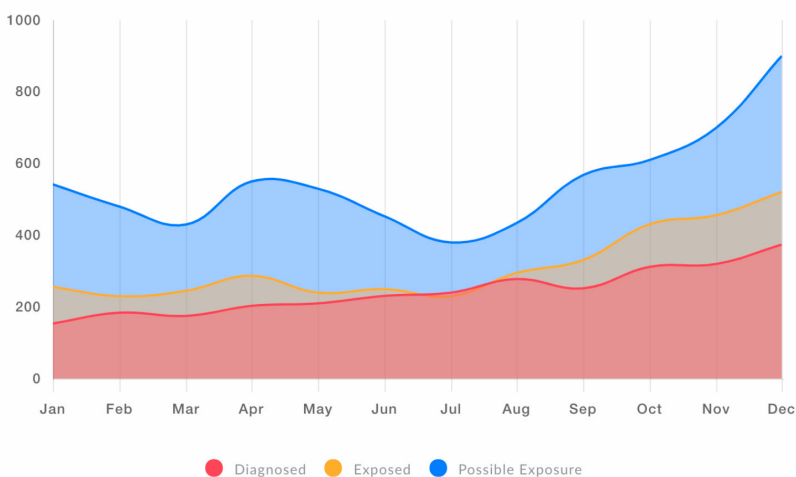
# Quick Glimpse

Take a look and discover why our easy-to-use design is a perfect fit for your organization. While remaining compliant with the exposure notification framework designed in the Apple/Google COVID-19 response partnership, Hepius works independently of their program structure. Because of this, we are uniquely positioned to prove our concept through the use of a web-based dashboard, which can provide insightful data for administrative analysis.

- 1 Notify Possible Exposures
- 2 Find Exposed Users
- 3 Know your Diagnosed Number



## User Statistics

[Export](#)[Print](#)

## Historical Stats

March 25 - April 02

4,578

## Notification Progress

80%



## **How Can Hepius Help?**

Despite a small rise in the travel industry from people too restless to stay at home, hotels and resorts are struggling to find ways back into full operation. Advanced cleanliness tactics and rules requiring social distancing are easily overwhelmed by the frequent intermixing of travelers. Infection is inevitable and hotels need to have a strategy for mitigating outbreaks not just to protect their guests and staff, but to encourage prospective stays.

When “Shelter in Place” orders are lifted, Hepius will provide the peace-of-mind required to bring in new guests while maintaining the social responsibility to prevent the spread of a deadly virus. Hepius can be implemented smoothly and with very little investment to keep hotels and resorts open while saving the industry billions of dollars in lost revenue.

**No Need for  
Network Connection, We  
Confidently Conduct  
Contact Tracing Inside  
Buildings.**

# Hospitality Industry Analysis

The travel industry has been completely rocked by Covid-19 and hotels have been no exception. To help our clients understand the unprecedented impact of the pandemic to their industry and the absolute importance of implementing Hepius, we have put together an industry-focused analysis.

# Vacant by Virus

Over the course of the coronavirus pandemic, hotels have undergone over \$124 billion in devastating losses. Only 37% of hotels have been able to bring back half of their employees to full time, while 36% haven't been able to bring back any of their furloughed or laid-off workers, equating to more than \$2.4 billion in weekly lost wages due to the crisis. 29% of all hotels are only able to keep 20% of their workforce while **50% of hotel owners face potential foreclosure**. The hospitality industry is experiencing a calamity like never seen before with very little light at the end of the tunnel.

**\$124 Billion**

Losses due to coronavirus pandemic

**36%**

Hotels that haven't brought back any employees

**37%**

Hotels that brought back half of their employees

**\$2.4 Billion**

Weekly lost wages

**29%**

keep 1/5 of their workforce

## Source



### **Data Shows COVID-19's Impact on Hotel Industry**

<https://www.travelpulse.com/news/hotels-and-resorts/new-data-shows-covid-19s-impact-on-hotel-industry.html>



### **COVID-19'S Impact on the Hotel Industry**

<https://www.ahla.com/covid-19s-impact-hotel-industry>



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