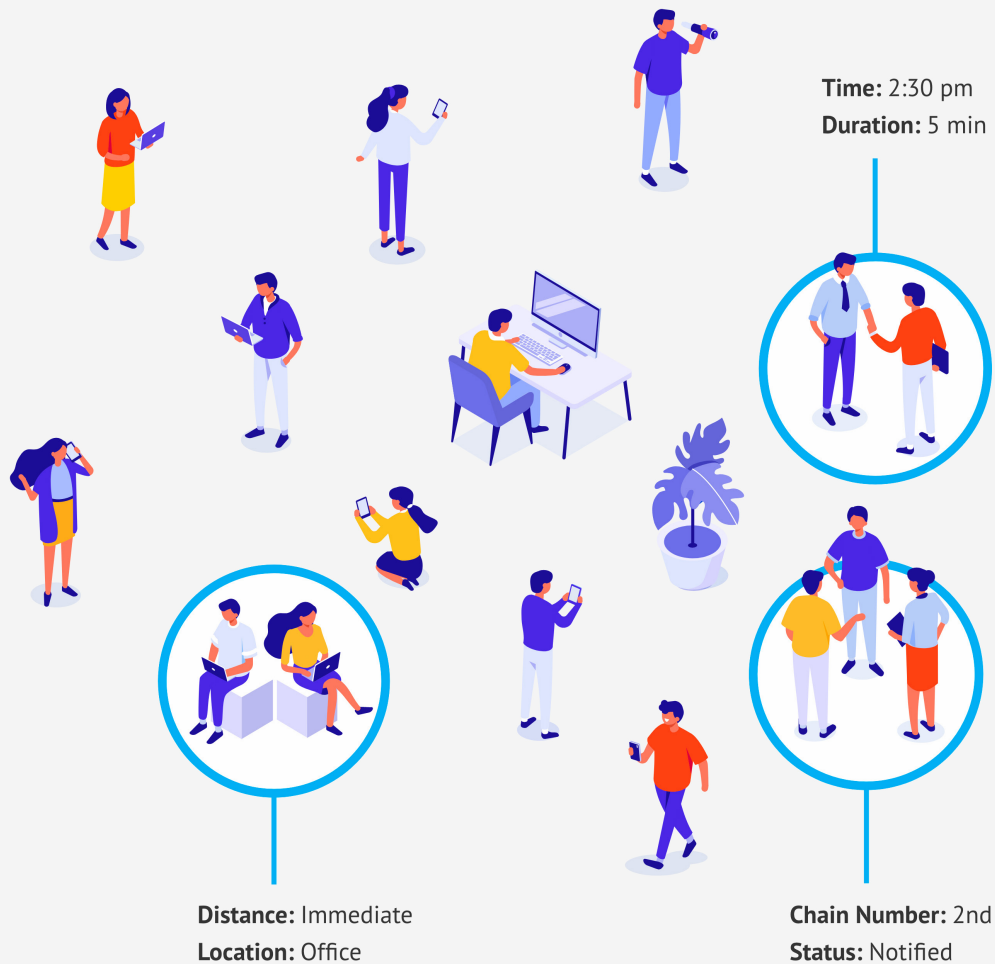




# Contact Tracing Application

For

## Corporate Industry



## 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.



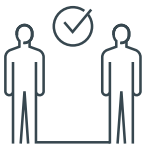
## How Does It Work?

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.



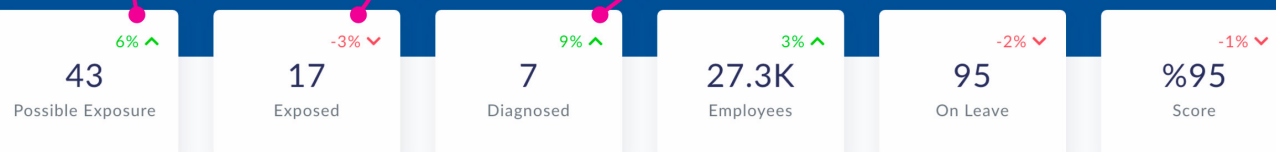
## Control

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).

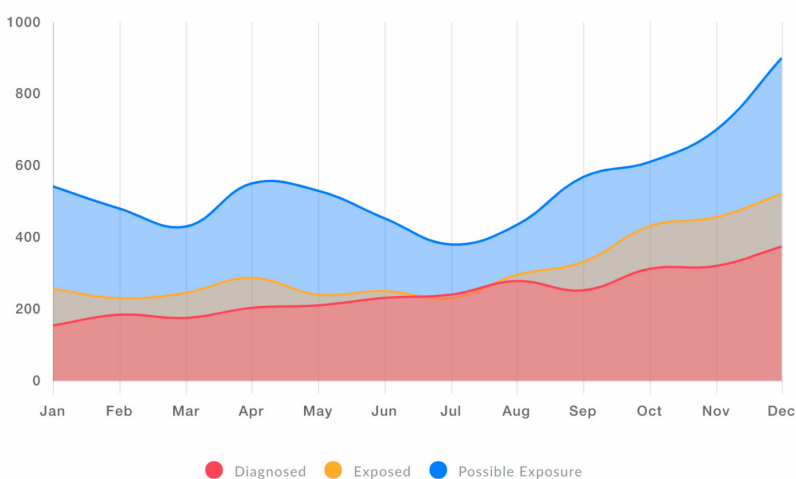
# Quick Glimpse

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

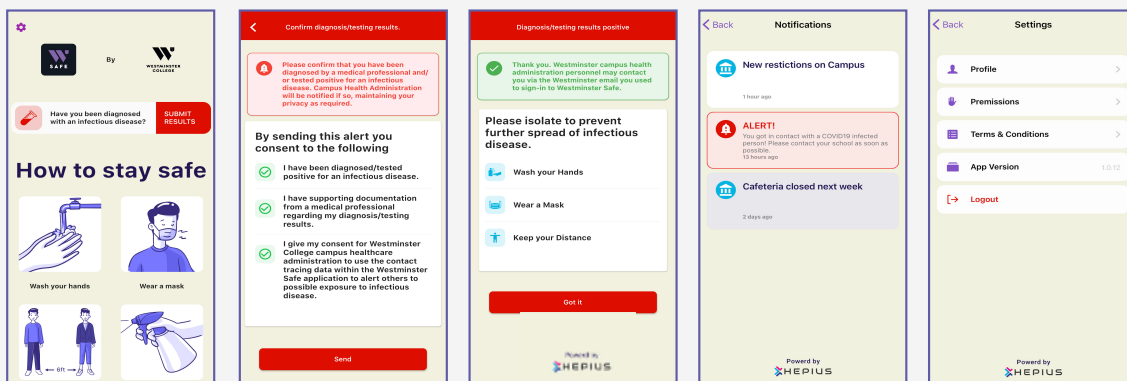
80%



# How Can Hepius Help?

Just from these few statistics, we can estimate the total cost impact of Covid-19 to be about **\$710,000+ per 1,000 employees**. At this rate, Hepius can easily **save a corporation \$500,000+ per 1,000 employees** through the provision of a safer working environment and strategy that can significantly limit viral outbreaks. From any perspective, an investment in our customizable contact tracing technology is an obvious one. Employees will feel more confident in their workplace, leading to greater levels of production and higher rates of in-office attendance. In the long run, companies will significantly save in rising healthcare costs while being able to literally save the lives of the people who run their business.

## Hepius Powers Westminster College



# Corporate Industry Analysis

While some studies have demonstrated the many benefits to working remotely, it still isn't a practical solution for most corporations as only 16% of the total workforce was working remotely at least part-time in 2019. Most employees still need to be able to work and collaborate in a face-to-face setting. Despite the rise of new behavioral requirements like wearing PPE and social distancing, outbreaks are still seen across the country. Aside from the tragic emotional cost of these outbreaks, there is a serious economic cost as well.

# Infection In The Office

Office workers and their employers are taking on a plethora of additional risks and costs due to the Covid-19 pandemic. Whether it be through production inefficiencies induced by fear, absenteeism from sickness, or rising healthcare costs, companies are getting pummeled by viral outbreaks. Below are just a few trackable pieces of data that we have highlighted to demonstrate the cost to your organization.

## Rise in Healthcare Costs:

**\$9,900**

Per employee

The average cost of healthcare for an employer in 2018

**7%**

Increase

In Self-funded Healthcare plans due to COVID-19 will increase an employers healthcare costs by over \$600/employee or \$600k per 1,000 employees

## Production Loss:

**1.324%**

Infection Rate in US

(1,340 infected for every 100,000 people)

**4.3**

working days

Lost per employee due to unforeseen absenteeism.

**\$2,650**

Per employee

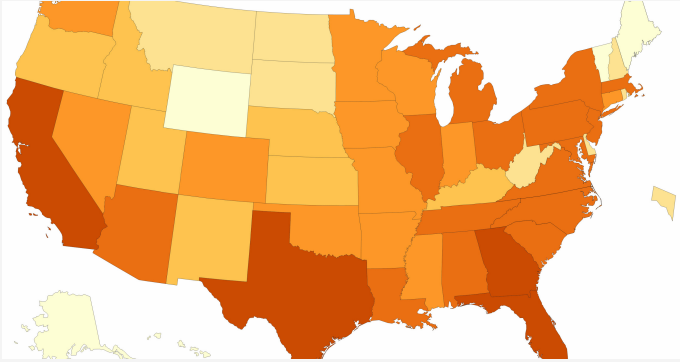
Productivity losses related to absenteeism

**\$114,234**

per 1,000 employees

Estimated cost of production loss due to COVID-19 absenteeism

## Source



### USA COVID-19 Cases and Deaths by State

<https://www.cdc.gov/covid-data-tracker/index.html#cases>



### The cost of sick days

<https://recruitingtimes.org/opinions/20062/cost-sick-days/>



### The Impact Of Employee Absenteeism On Your Business

<http://blog.accu-time.com/blog/the-impact-of-employee-absenteeism-on-your-business>



### Lost Time From Work Due to COVID-19 Could Cost Employers Billions, Study Finds

<https://www.ajmc.com/view/lost-time-from-work-could-cost-employers-billions-study-finds>



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