



Contact Tracing Application

For

Higher Education



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)



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.



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.



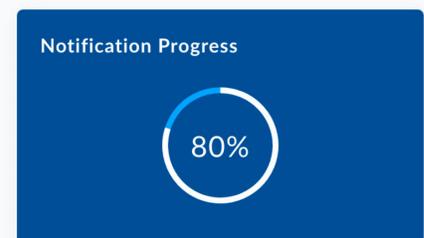
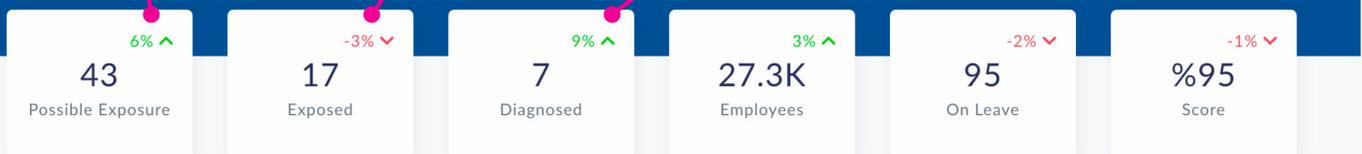
Control

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

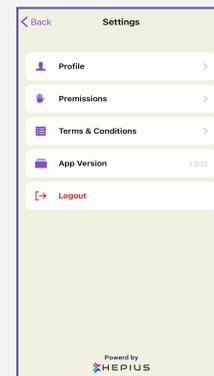
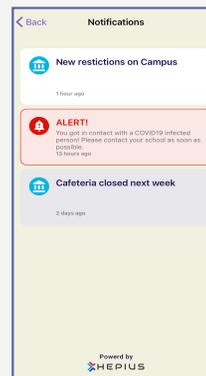
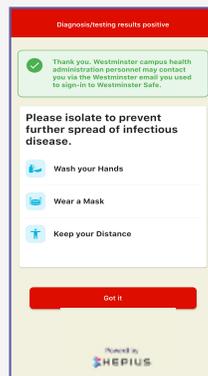
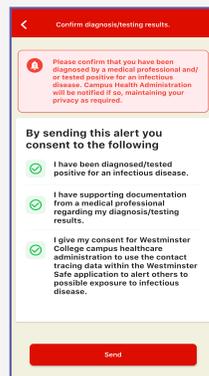


How Can Hepius Help?

There's no question that universities need to adapt to a changing environment. Our technology is, without a doubt, the best tool for their implementation to ensure the safety of their students and faculty on campus. Hepius can be integrated with an existing internal university application that has already been rolled out or introduced as a new mandatory download for all on-campus bodies.

Our team has already worked with higher educational institutions and can provide the framework for communication and implementation, assuring productive adoption and a safe, on-campus experience. No matter what plans your institution has made for the upcoming year, Hepius is here to help save lives while saving your bottom line.

Hepius Powers Westminster College



A Loss to Learning

While it is extremely difficult to calculate exactly how much revenue any one educational institution will lose during the pandemic, we have highlighted some stories that offer a staggering cost perspective to the few options available to educational institutions..

Reduced Tuition

A medium-sized university in New Jersey with an enrollment just under 20k students has reduced their tuition by 10% or \$1,438 for the upcoming academic year, equating to over \$25 million in lost revenue.

\$25 Million

in lost revenue

Source



Rowan University cuts tuition as students grapple with COVID's financial impact

<https://www.phillyvoice.com/rowan-university-tuition-cut-fees-coronavirus-covid-19-pandemic/>

Tuition Reimbursements & Lawsuits

Many universities are facing pressure to reimburse their student population for unused housing and dining services, including tuition and fees. The UNC System is gearing for a proposal of **\$120 million to cover such costs**.

Universities that haven't offered reimbursements are being sued. By late June of 2020, nearly **100 universities were being sued** by students who were upset with the sudden change to remote learning. While still being explored, attorney's believe each student is entitled to refunds of at least \$1,000 to make up for the portion of the academic year that was spent online.

Source



More Than 60 Colleges Hit With Lawsuits As Students Demand Tuition Refunds

<https://www.newsweek.com/more-60-colleges-hit-lawsuits-students-demand-tuition-refunds-1512378>

Total Economic Loss Estimates

Educational institutions across the world have experienced a devastating loss to their bottom line. An accumulation of partial tuition refunds, room and board, fees, dining, and other various fees add up to a heavy hit during the months of March - June. Not accounting for the estimated losses to be experienced this next academic year, the following organizations have estimated the following losses due to Covid-19.

- The University of Wisconsin at Madison: **\$100 Million** -
- University of Arizona: **\$250 Million** -
- University of Michigan: **\$400 Million - \$1 Billion** -
- Syracuse University: **\$35 Million** -

Source



Students Turn to Courts for Refunds

<https://www.insidehighered.com/news/2020/04/20/students-sue-universities-tuition-and-fee-refunds>



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