



Contact Tracing Application

For

Casinos



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.



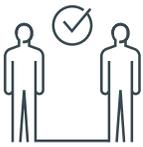
How Does It Work?

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.



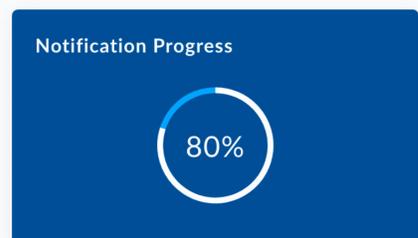
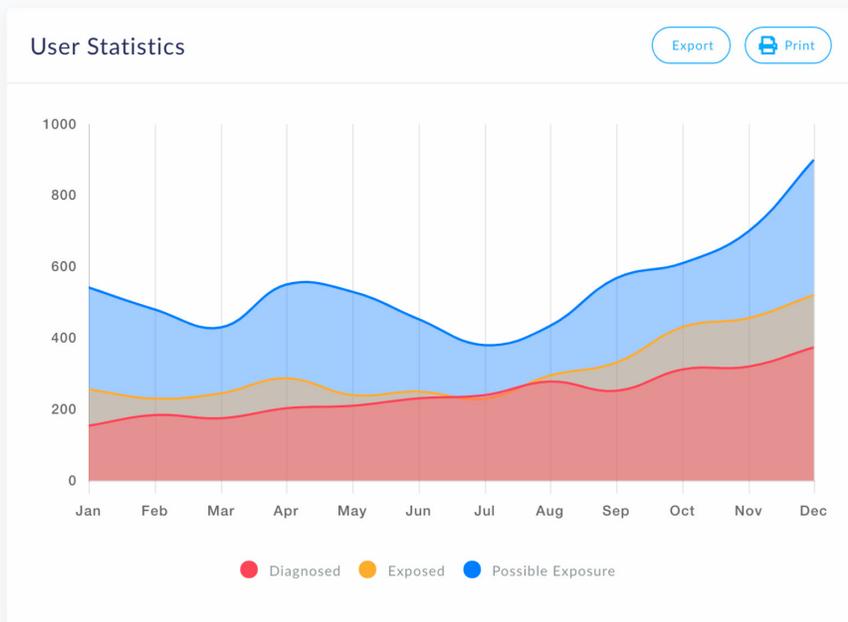
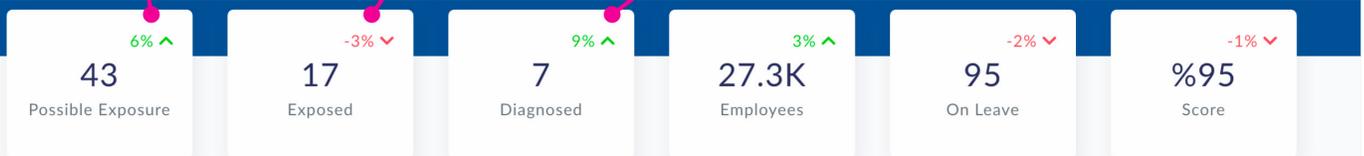
Control

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



How Can Hepius Help?

Hepius can provide casinos the confidence to open to the public and stay open. Our application can be made available to both the casino staff (through a mandated internal app) and to the guests (through a public-facing, casino-developed app), so as to ensure a safe experience for all. Our contact tracing will ensure swift action to communicate and isolate any potential outbreaks while maintaining strict concern for data privacy. Hepius can provide a marketing edge and the tools necessary to safely open (and stay open), saving countless lives and money.

**No Need for
Network Connection!**

**We Confidently Conduct
Contact Tracing Inside
Buildings.**

Global Gaming Industry

Among all businesses hit by the pandemic, Casinos may have suffered the greatest. Normally thriving off of a flourishing travel industry and a frenzied, crowded customer experience, Covid-19 has proved to create some major problems for Casinos around the world, resulting in billions of dollars of lost revenue.

Virus Takes House Advantage

In April, all 989 casinos in the U.S. closed due to Covid-19, including both tribal and commercial properties. During the 30+ days in which Nevada casinos were shut down, owners lost 100's of millions of dollars. MGM Resorts burned an estimated \$14.4 million every day of closure equating to an operating loss of \$1 billion in just the second quarter. An owner of 10 resorts on the Vegas strip reported a 91% decrease in revenue during their second quarter. The state of Nevada was missing out on \$2 million in taxes every single day.

These losses have been seen all around the world with no end in sight and the requirements to open are more demanding than ever, including mandatory face coverings and temperature checks. Unfortunately, the reality is that these precautions can not be controlled for every single guest and aren't necessarily proven to work. An infected asymptomatic guest could follow all the rules and still spread the virus throughout an entire operation. Casinos need to learn how to mitigate the inevitable outbreak that absolutely will occur.

\$14.4 Million

MGM's every day losses due to closure

\$1 Billion

MGM's operating losses in the second quarter

91%

Revenue decrease for 10 resorts on the Vegas strip during the second quarter

\$2 Million

Nevada tax losses every day

Source



MGM Resorts: Social distancing, travel restrictions part of steep financial troubles during COVID-19

<https://www.usatoday.com/story/travel/hotels/2020/07/31/mgm-resorts-covid-19-restrictions-part-of-steep-financial-troubles/5553353002/>



COVID-19 Casino Tracker

<https://www.americangaming.org/research/covid-19-casino-tracker/>



The impact of COVID-19 on the gambling industry in Vegas

<https://augustafreepress.com/the-impact-of-covid-19-on-the-gambling-industry-in-vegas/>



Baseball Analyst Says Cardinals Players Visited a Casino Before COVID-19 Outbreak Hit Team

<https://www.americangaming.org/research/covid-19-casino-tracker/>



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