



Contact Tracing Application

For

Heavy 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.



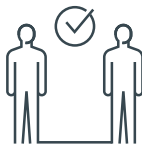
How Does It Work?

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.



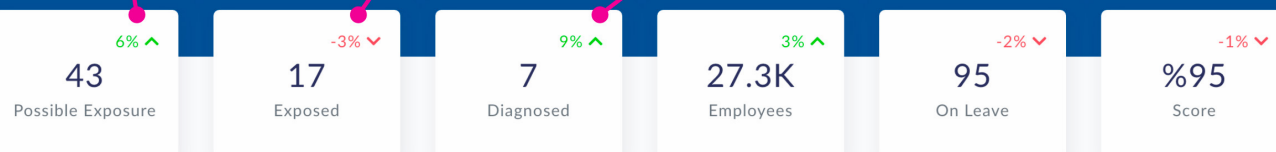
Control

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).

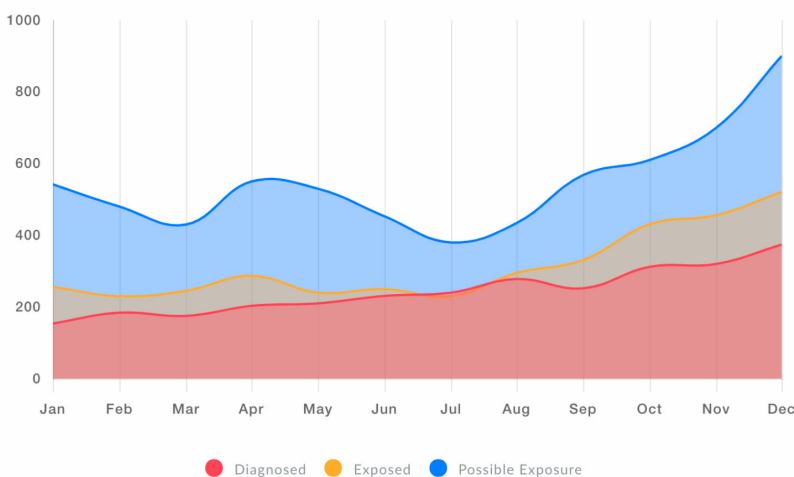
Quick Glimpse

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

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Historical Stats

March 25 - April 02

4,578

Notification Progress

80%

How Can Hepius Help?

The mining industry has experimented with different strategies, including the implementation of social distancing, pre-screening and additional PPE. Unfortunately, these efforts have yet to truly affect the infection rate, forcing periodic shutdowns resulting in billions of dollars of lost revenue. Hepius can be implemented extremely quickly across an entire work force and has no need for network connection. Hepius communicates via Bluetooth, meaning that it contact traces even within the depths of a mine. Inevitable viral outbreaks can be tightly contained, giving leadership the confidence to run a responsible operation without threats of closure. It will also give workers the assurance that their livelihood is protected with strong support from management. With so many lives at risk and so much revenue being lost, Hepius is the obvious choice to protect your organization.

**No Need for
Network
Connection!**

**We Conduct Contact
Tracing Even Within The
Depths Of A Mine.**

Mining Industry Analysis

Covid-19 has made a devastating impact on heavy industry, which has served as the starting foundation upon which goods are manufactured, helping the world economy run like a well-oiled machine. While there are many areas to focus on within this industry, mining, specifically, will be our focal point of analysis.

Prospecting Within A Pandemic

When the World Health Organization declared Covid-19 a global pandemic, \$8.84 billion in mining revenue was classified as “at-risk”. By late June, 275 mine sites across 36 countries experienced significant disruptions involving shut-downs. While most of these sites have been able to open back up, many continue to face threats of viral outbreaks and shutdowns. Sites around the world share in the economic suffering, including Africa which anticipates at least 6 months to return to normal production levels. Many mining companies have had to shut down completely and no longer have the resources to reopen.

Hosting over 600,000 people working within the mining industry, the U.S. has not escaped the reality of the pandemic, either. Outbreaks continue to occur while businesses and supply chains are slowed from volatile demands and virtual working environments. These disruptions contribute to significant long-term effects, including a 6% year-on-year decrease in demand for copper.

\$8.84 Billion

Mining revenue classified as “at-risk”

275 Mine Sites & 36 Countries

Experienced significant disruptions

6 Months

Time needed to return to normal production levels

600,000

Americans working within mining industry

Source



COVID-19 and the mining industry's production

<https://www.globalminingreview.com/special-reports/05082020/covid-19-and-the-mining-industrys-production/>



Covid-19 disrupts \$8.8 billion of global mining output

<https://www.mining.com/covid-19-disrupts-8-8-billion-of-global-mining-output/>



Mining industry faces a new reality amid and beyond Covid-19

<https://www.miningweekly.com/article/mining-industry-faces-a-new-reality-amid-and-beyond-covid-19-2020-05-08>



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