

Safer Illinois App

How Covid-19 Exposure Notification Works



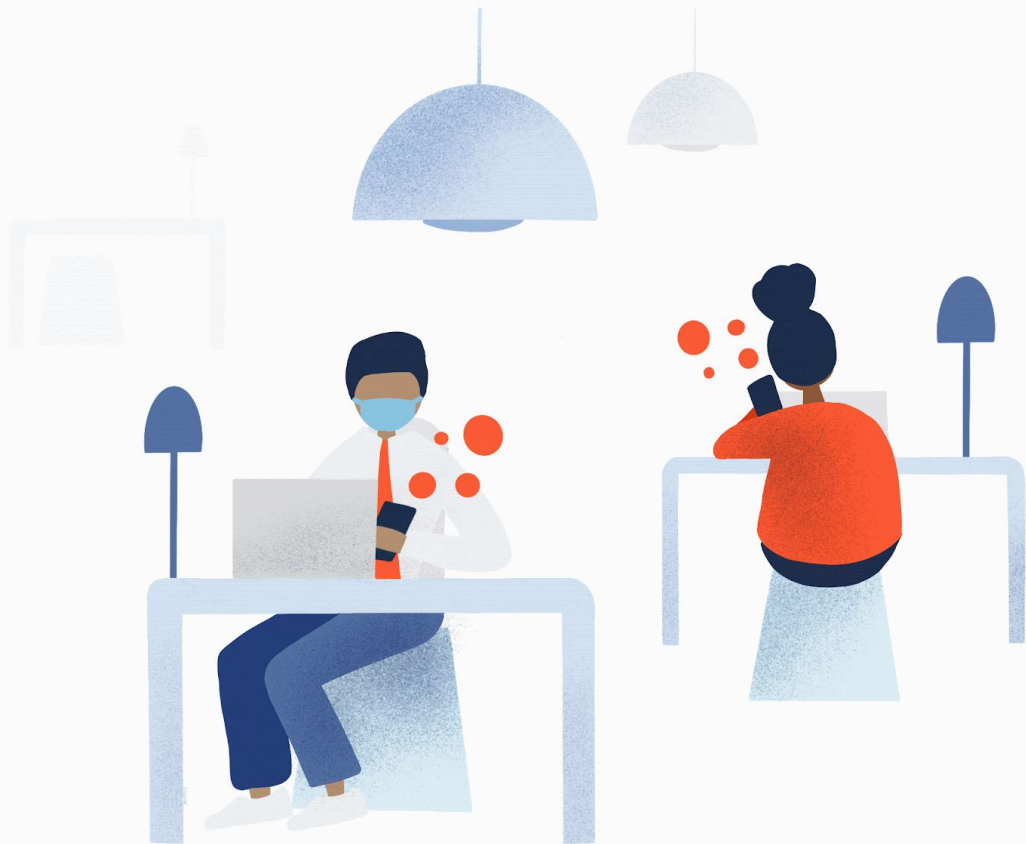
Kyla and Derrick study in the library, not realizing they're within exposure range for a significant time.



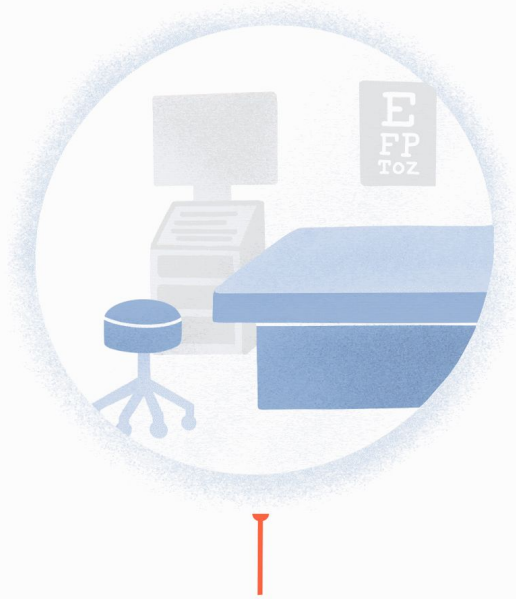
Because they've both opted in to the Exposure Notification feature, their phones swap anonymous Bluetooth tokens.

Tokens are randomly generated every few minutes and cannot be traced to any individual or phone.

Phones store tokens for 14 days as a record of proximity and time near others.



A few days later, Derrick receives test results from McKinley in his app, and learns he's positive for COVID-19.



Because Derrick tested positive, the app sends tokens from the past 14 days to a secure database.



Kyla's phone routinely downloads the encrypted tokens of people who tested positive from the secure database.

The app then checks for matches against any tokens saved on her phone.

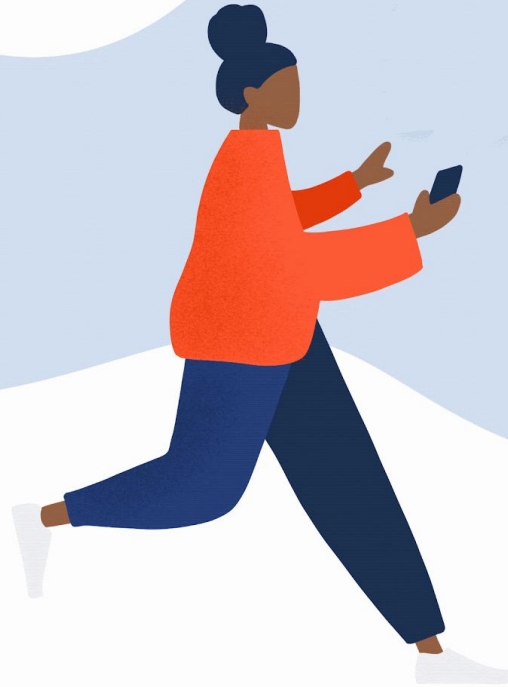


Kyla's most recent download contains a match with a token from someone she was recently near.



Because of this match, Kyla gets an exposure notification, letting her know she may have been exposed to someone who tested positive.

Notifications do not reveal identity or the location where someone has been exposed.



Kyla's app tells her to get tested, self-quarantine, and be in touch with her Care Team.

The Care Team is a group of professionals to assist with diagnosis and next steps.

