Touchless

CLIENT VIP
< **ACCESO** >
TEMPERATURA
< **NORMAL** >

Reconocimiento Facial
ADELIA SMITH
Temperatura
36.7°

Facial Recognition

Thermal Scanning

Ask the Chatbot

SHIPCOM
W I R E L E S S

COVID
TEMPERATURE SCREENING

Preventing outbreaks in your facility using contact tracing and real-time monitoring

PROBLEM STATEMENT AND PROPOSED SOLUTION

Shipcom COVID Screening Solutions provides enhanced pandemic security screening services through an automated kiosk. This COTS product was used successfully worldwide during previous outbreaks of Middle East respiratory syndrome (MERS) and remained in place for influenza monitoring.

The platform is far safer than manual testing because it removes the risk of secondary spread by human screeners. Because COVID-19 carriers can remain asymptomatic, human screeners can be the main vector to infecting an entire building. They also use precious PPE that needs to be reserved for medical professionals and first responders. Our automated platform will also stay in place after the COVID-19 risk is reduced, catching future epidemics as well as the influenza. All of this is done at a reduced cost.
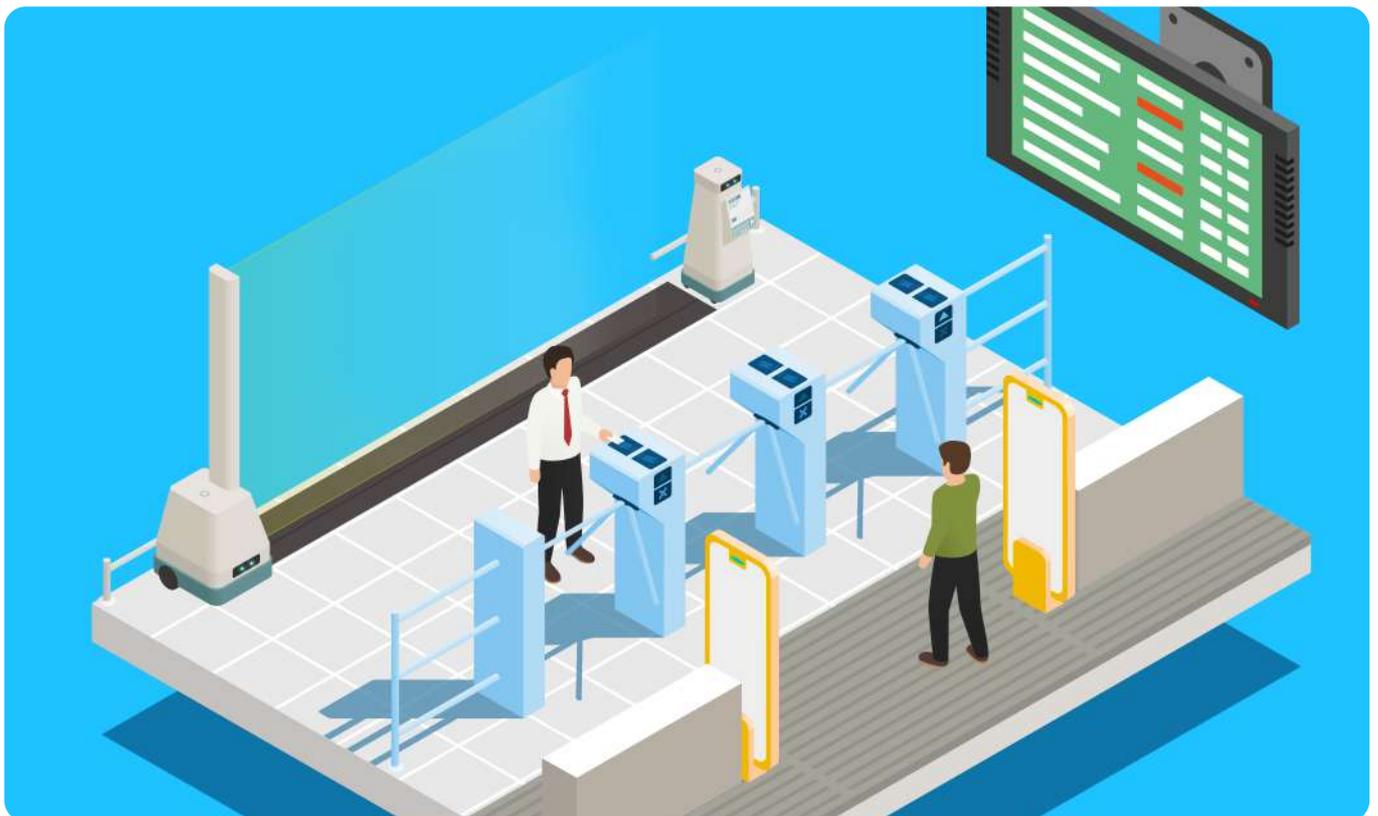
SHIPCOM COVID SCREENING SOLUTIONS

The proposed solution relies on a "Touchless Entry System" kiosk technology that is being used commercially. The solution involves placing one or more kiosks in the entrance of a facility. The kiosk thermal sensor first checks the temperature of the occupant.

If this falls under 99.9 degrees, an automated voice prompt would ask the appropriate questions including:

01

Have you tested positive for COVID-19?

02

Have you been exposed to someone who has tested positive for COVID-19?

03

Do you have symptoms of COVID-19 in the previous 7 days (fever, chills, shortness of breath, sore throat, body aches, abdominal pain)?
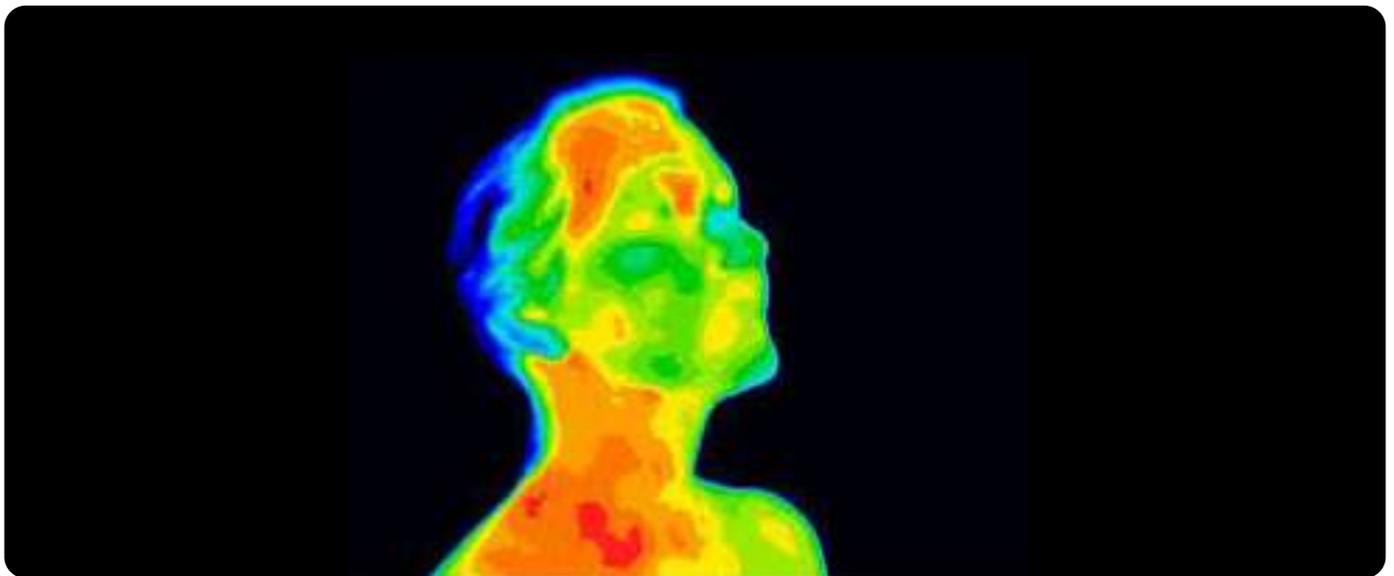
If an occupant tests high or answers yes to any of the questions, they are denied access to the building. This can be done in several ways. The platform can be connected to existing gate solutions or designed as an alert system to appropriate personnel. This solution will not only monitor the entry, but also identify and provide workflow for managing people with certain symptoms, like high temperature. It is important that if a person is denied access, that they aren't left in a panicked state. The workflow could include notifying HR or other office/security administration on the occurrence, and actions for further diagnosis and care for the occupant. Secondary human screeners can also be on hand for verification for times of high pandemic activity as we return to normal operations. The entire interview will happen without touching or writing on paper logs, thus saving cross contamination and keeping everyone at a safe distance.
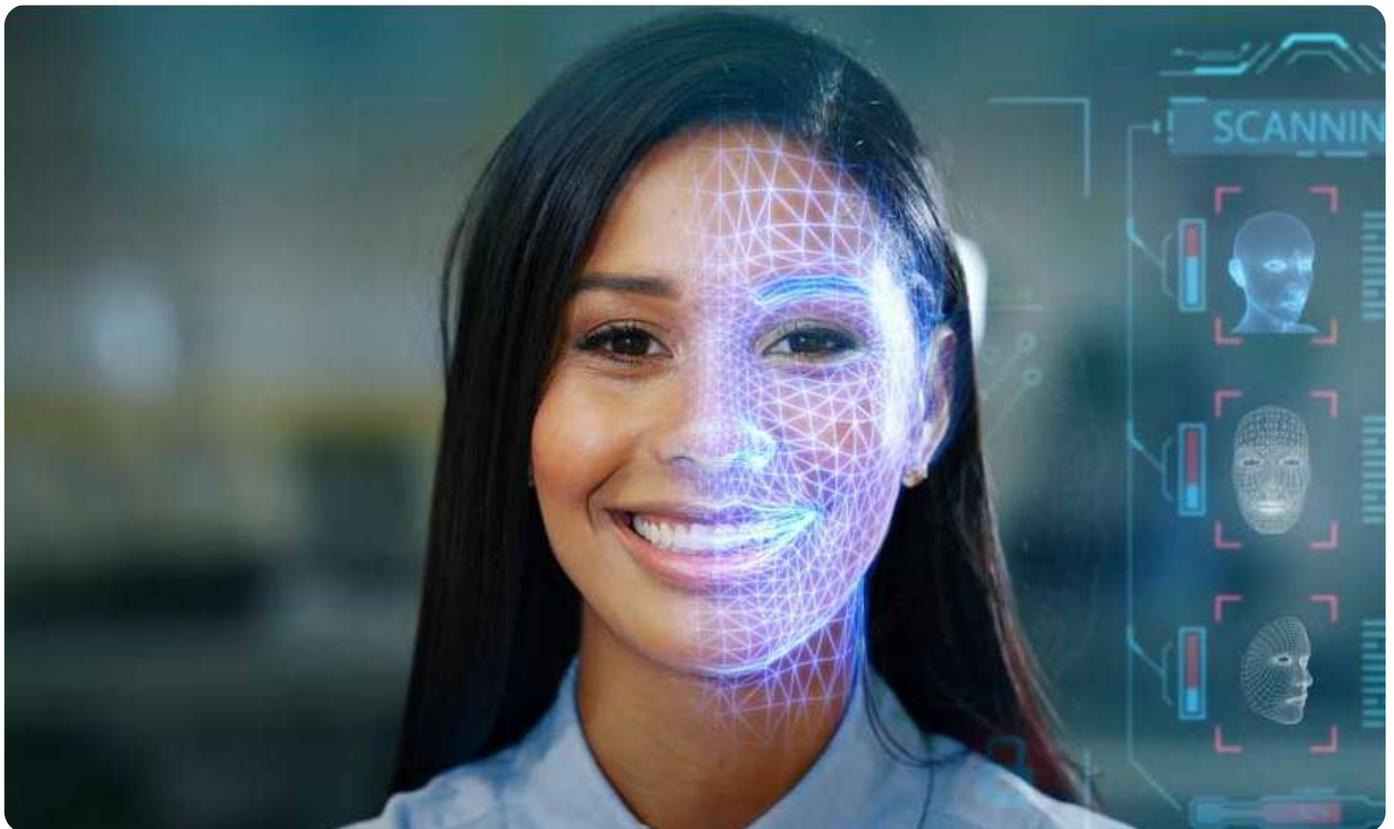
Shipcom COVID Screening Solutions has a facial recognition module that can also track future entry attempts by people who have been barred entry. The system can deny entry for a prescribed period. In addition, the platform can also trace potential infected person and or areas, based on person's connections within organization structure and community, work profile and role etc. The facial recognition is anonymized and encrypted to protect the individual's identity.

This solution can be deployed in the immediate future at the entry points of any essential public accessed facilities like hospitals, airports, government buildings etc. In the near term, it can be extended into a facilities interior spaces to track temperature.

CONSIDER THE FEDERAL BUILDING WALK-IN USE CASE

Employee Enters Building

Employee Recognized & Thermal Scanned

Risk Identification

- Recognize face and voice
- Thermal Scanning

Access Restricted Due To Symptoms

Risk Assessment

- Determine the Severity

Notifications provided to appropriate Notified officials

Risk Mitigation

- Restrict Access
- Notify as appropriate or as determind by tenant agency leadership

PREVENTION THROUGH CHAT BOT PRE-SCREENING

After the roll-out of the kiosk solution, it is recommended that a mobile questionnaire is put in place for pre-screening. This system can be as simple as a questions concerning current health, or can be tied to existing system for a more elaborate solution. If more complex pre-screening and remediation is required, capabilities include track interaction with infected individuals, travel, people commuting from a "hot zone" zone, etc.

Have you tested positive for COVID-19?

Not when I checked it last week

Have you been exposed to someone who has tested positive for COVID-19?

No

DEPLOYMENT

The technology can be deployed immediately in a variety of ways based on guidance of the ordering official, including:

01 In support of existing security guards. In this case Shipcom would provide installation, instructions and help desk support.

02 In support of non-security personnel engaged in the screening process. In this case Shipcom would provide installation, instructions and help desk support.

03 In addition a trained and qualified contractor can be supplied by Shipcom. This would be especially beneficial in high traffic buildings that might need multiple kiosks. This would follow the model of airline personnel assisting with self check in kiosks at the airport.

SHIPCOM
W I R E L E S S

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—— — **THANK YOU** — ——