Keeping People and Facilities Safe for Covid-19 and Beyond

Facing the global pandemic, how do you enhance the safety of your workforce, partners, and customers? This coronavirus, has created an unimaginable challenge for the entire world which will challenge us through COVID-19 and beyond. The way we interact with friends, co-workers, and even our families has changed. Commercial and government organizations have also been forced to immediately shift how they conduct their operations to protect the health and safety of everyone inside their facilities. Even how we treat the common cold or flu in our facilities has been forever changed.

One of the first steps to preventing the spread of COVID-19, as recommended by the Government and the Center for Disease Control and Prevention (CDC), is to implement virus screening protocols at all facility entry points. Screening for temperature, symptoms, and travel helps reduce exposure to potentially infected individuals, in addition to facilitating a means of contact tracing if an outbreak does occur.

Without proper screening protocols, organizations are limiting their ability to protect the health and safety of workers, visitors, and loved ones. Furthermore, an outbreak of COVID-19, or any virus, could reduce revenue, a complete shutdown, or close a business indefinitely. It is important now more than ever to understand and implement effective screening measures to ensure your organization and its people can continue thriving in the new normal.

RimotHEALTH: Automated Workplace Virus Screening

Having a screening process is a necessary health precaution, but the logistics can take a toll on an organization. Multiple employees may be required to cover all entrances to your building to ensure no one is entering without being screened first. One or more employees are also required to conduct the manual screening process during all hours of operation, exposing the screeners and incoming people to avoidable safety risk.

COVID-19 doesn't appear to be going anywhere soon. Employing a person for manual screening could easily cost tens of thousands of dollars over time. Additional costs are incurred when the individuals conducting testing have to be replaced every time they are exposed to someone who could potentially have COVID-19. With RimotHEALTH you can delegate the task of measuring and questioning those who enter the building to an automated system, eliminating the cost and health risk of manual screening processes.

The RimotHEALTH Screening Kiosk offers solutions the standard manual screening process (clipboard and thermometer) do not address –handling the questioning and temperature monitoring for you. Conducting both temperature measurements and questionnaires is essential to managing the safety of your operation. Using a quick and easy-to-deploy infrastructure, this completely contactless screening station consists of a thermal imaging camera, an electronic questionnaire screen, foot response pedals and card reader which can be optionally used to identify the person being screened.

THERMAL CAMERA

The automated thermal camera quickly measures an individual's body temperature, one of the early and most prominent indicators for COVID-19. The facial temperature sensor allows for most masks and eyewear to be worn when an individual is screened. This reduces the chance the test will need to be redone, which would add additional waiting time instead of getting staff through the door.

CONTACTLESS QUESTIONNAIRE

The contactless screening questionnaire provides your organization with a second layer of information on possible staff exposure. A person may have COVID-19 but be entirely asymptomatic. Where they have been and who they have been in contact with recently is a major factor in whether or not they have been at risk of exposure.

FOOT RESPONSE PEDALS

The foot response pedals allow workers to issue their response using their footwear, eliminating the danger of touching a surface an infected individual just had contact with. This contactless approach minimizes cleaning requirements. The questionnaire can be customized to suit your operational needs, meaning staff won't need to waste their time answering questions that would be irrelevant to your workplace.

MASK DETECTION

The camera can detect and log if a mask is being worn. Masks are predicted to be in use longer-term in most workplaces, and employers are reporting some understandable fatigue among their people which can lead to inconsistent mask wearing.

PROXIMITY CARD / KEY FOB READER

The kiosk comes equipped with an RFID reader than can read proximity cards and key fobs to be able to identify the person being screened. This optional feature can be used with most existing cards or key fobs which employees may already have for other reasons, or can be provided very cost-effectively to employees, contractors and visitors. This approach provides easy contactless identification while keeping the quick throughput of people through the screening.

AUTOMATED ALERTS

Together, the devices that make up the RimotHEALTH Kiosk provide the current temperature of a person and a look into their recent behavior to give you an answer if someone poses a risk to the health of everyone else inside. If the person who has just been screened fails the test(s), an alert is sent out to key personnel on all the connected devices so you can make informed decisions and effectively handle the situation. For example, if an incoming employee fails a screening entering a facility, the occupational health and safety lead on-site could receive a text message immediately notifying them of the issue.

MANAGEMENT PORTAL

The data collected by the thermal imaging camera and questionnaire is immediately uploaded to an integrated cloud-based storage system, built on Rimot's tested and proven monitoring platform. The RimotHEALTH cloud collects and merges these results to provide an easy-to-use view of the data across all employees for single and multi-site operations.

You can quickly and easily understand your workplace's health status by looking into real-time and historical trends accessible in your management platform from your computer or smart device. The platform provides risk models and mitigation measures to aid in decision-making when issues need immediate attention and resolution.

CAPTURE DATA FROM MULTIPLE LOCATIONS IN REAL-TIME

Industry Applications of RimotHEALTH

Commercial operations in hospitality, retail, manufacturing, transportation, long-term care, and more all require workers to be on-site to get the job done. Government organizations like education, police, fire, EMS, and public typically require staff to work in teams or group settings. Every operation needs to take steps to prevent community spread, especially where people are required to be close to one another.

EDUCATION

Although much of our world stands still, the education of our youth must go on. Many educational institutions that switched to online classes are keen to return to campus. For university students, this solution fits most academic programs. However, for the youngest students just beginning their scholarly journey, hands-on learning is essential to their early development. Having effective and thorough screening processes can allow our students to go back to school and help parents and teachers feel safer about letting kids return to the classroom. Reducing the spread between students will also reduce the spread further into our communities.

MANUFACTURING

Manufacturing and processing plants have continued to be a vital lifeline throughout the pandemic, providing the items the public needs to maintain normalcy. In small and large-scale manufacturing operations, employers are setting social distancing and sanitizing measures to protect everyone in their facilities. While sanitizing and social distancing helps minimize community spread, keeping an infected person out of the workplace through automated screening can further secure facilities and occupants from health threats.

TRANSPORTATION & LOGISTICS

Distribution facilities are vital to the flow of goods we rely on and are frequently challenged to maintain physical distancing. Employees, contractors and drivers can be quickly scanned at entry upon entering a warehouse to assure those inside that they do not pose a risk. If an individual does not pass the RimotHEALTH screening process, a replacement worker or driver can quickly be dispatched to ensure that deliveries keep moving. Drivers on the road also regularly interact with others. If a driver does not undergo a proper screening process, they could put those they come in contact with at risk.

PUBLIC SAFETY

We need to protect the ones who protect us. We can do that by thoroughly screening everyone who enters a department's building to ensure the teams of first responders aren't being exposed to people who could be likely carriers of COVID-19. After staff and visitors pass the screening process, only then will they be allowed in the proximity of the essential workers who keep us safe.

HEALTHCARE

Someone who could easily come in contact with an infected person could become infected themselves. If this person reenters the healthcare facility after encountering someone carrying COVID-19, they could put vulnerable people inside at risk. Removing manual screening eliminates placing a person on the frontlines who can come in contact with an infected individual, freeing them up to continue the critical work they do.

LONG-TERM CARE

Residents and staff are being prioritized for the COVID-19 vaccine which will reduce the immediate risk to at least this strain of COVID-19. Residents and staff will remain vulnerable to other viruses and it is expected that best practice will continue to include screening at entry, particularly for visitors. Visitors, specialists and contractors to long-term care facilities are typically repeat and can be issued a card or key fob for quick and effective screening for the long-term.

GOVERNMENT

Many government employees are now working from home, and organizations are planning on their safe return to office. Time will tell as to how much time of the work week is spent in the office versus continuing to work from home. Regardless departments and agencies are planning to include sustainable screening to identify a possibly infected employee before they have the chance to enter any government buildings to help keep government personnel virus-free.

Acadian Seaplants is a biotech company with businesses worldwide, including facilities in Ireland, Scotland, Canada, and the US. The company has turned to RimotHealth to help with employee health checks during the current pandemic at their manufacturing facilities. They have grown to rely on RimotHealth and their proven screening kiosks to keep their team, operation, and community safe.

According to Acadian's Director of Safety Paul Collier, RimotHealth helped Acadian take several steps to protect their employees. From conducting contactless questionnaires before employees enter the facilities, screening employees with the thermal camera as they enter the facility and being able to monitor the site 24 hours a day to help manage any potential issues.

"We researched a number of different units, and none of them were as robust or easy to implement as RimotHEALTH" according to Collier. "We decided to go with RimotHealth, and we have been pleased so far. I get daily automated updates on questionnaire responses and temperatures of everyone."

Acadian Seaplants is looking at working with RimotHealth to reference swipe card information to incorporate with the system in the future.
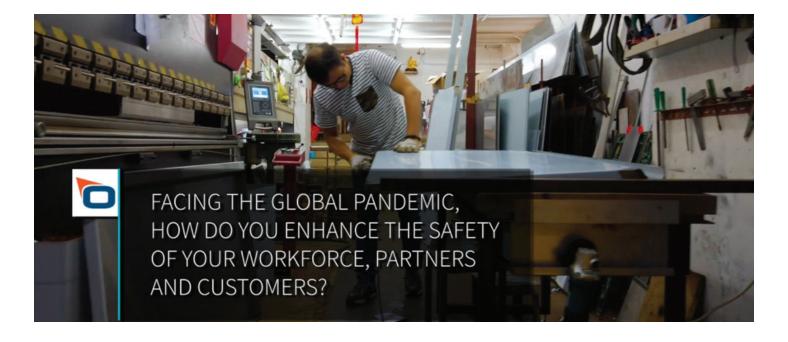
Collier went on to say that employees now feel safer coming to work knowing these systems are in place. RimotHealth is the "ultimate in any safety program, when employees are saying, I feel better at work than I do in my own community."

"RimotHEALTH is the pinnacle of any safety program."
- Paul Collier of Acadian Seaplants

A Acadian Seaplants

FACING THE GLOBAL PANDEMIC, HOW DO YOU ENHANCE THE SAFETY OF YOUR WORKFORCE, PARTNERS AND CUSTOMERS?

RimotHEALTH Benefits

EASE OF DEPLOYMENT

- Screening station can be set up in less than 30 minutes
- Easy to move to new locations and redeploy
- No network connections needed, data transfer is accomplished via cellular modem

SAFETY

- Touchless screening design helps reduce spread
- Safer than manual screening and self-reporting options
- Helps to keep virus and health safety prominent in the face of increasing social fatigue

SUSTAINABLE COST

- Avoids the cost of hiring or dedicating staff for manual screening
- Frequently payback in less than two months compared to manual screening
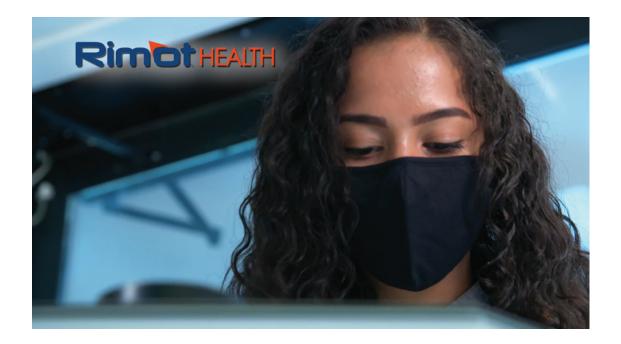
DATA FOR EFFECTIVE OPERATIONS & DECISION-MAKING

- Data is centralized and processed in real-time versus manual checks and paper documents
- All real-time and historical data are readily accessible on the management platform using a desktop or smart device
- Easy to review screening data and trends by location, teams, or across an entire operation with multiple locations

FAST SCREENING & PROCESSING

- Can process four people in as little as 90 seconds, taking only about 20-30 seconds per person
- Results of screening are uploaded to a secure, encrypted cloud-based management portal in real-time
- If an individual fails a test, an alert is immediately sent out to mobile and desktop devices of appointed personnel

Managing COVID-19 and Beyond

Every business needs all the help they can get to ensure continued success with proper and thorough virus screening techniques to manage through COVID-19 and beyond. Masks and physical distancing will become a lasting legacy of COVID-19. Introducing an infected person to your workplace could be the difference between your business remaining open or succumbing to the already challenging economy we're in.

Experts are predicting that we will be living with COVID-19 and its mutations for a long time. Progressive organizations have recognized that virus management including screening has become an enduring part of their safety and business continuity plans. By adding RimotHEALTH to your operation, you can sustainably add a cost-effective and quickly-deployable system to protect your workers from current and future health threats.

To learn more about how our automated contactless screening tool can save you money and increase safety, book a free demo today.

RIMOT | Monitoring for the Unmonitored
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Rimot HEALTH

Disclaimer: RimotHEALTH cannot diagnose the coronavirus and is not a medical device nor for medical purposes. Only a licensed medical professional can determine if an individual with or without symptoms is experiencing an abnormal medical condition.