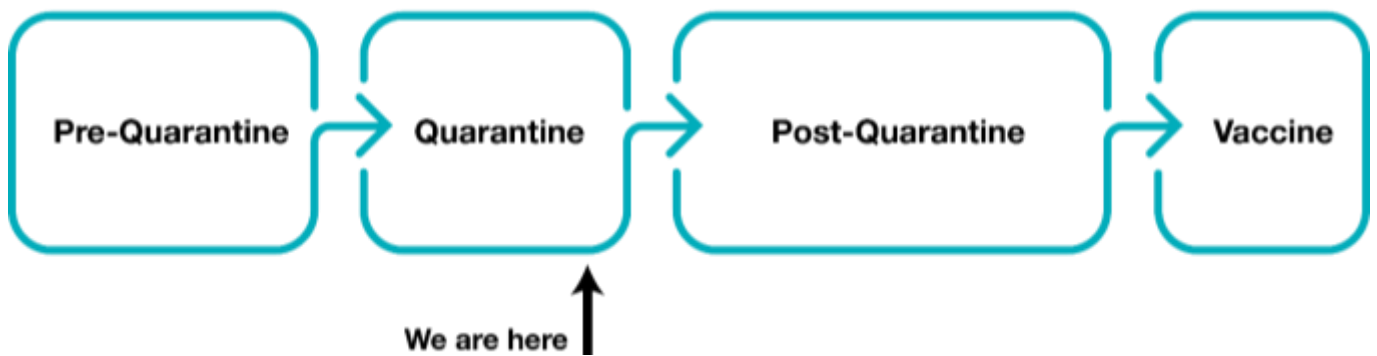


# Curbing the Ongoing Spread of COVID-19

**No one** had a pandemic as part of their 2020 plan. The whole country pivoted to a different kind of day to day life due to COVID-19. And we will soon have to pivot again as we enter a Post Quarantine world.



**No one** knows how long the Post Quarantine phase of the COVID 19 pandemic will last. Six months? Years?

We are certain of one thing, you want to keep your employees and customers as safe as possible while at your facilities. And health and safety begins right at the door.

Our partner Hitachi-Vantara, has developed a health and safety solution that does exactly that. The Health, Safety, Environment Solution (HSES) solution can help detect people with possible symptoms or violating health measures. The HSES draws upon decades of experience in imaging, data management, analytics, cameras and sensors.

The HSES can be installed on premise, or be mobile on a cart. It is also highly configurable to support multiple scenarios.

## Scenario 1

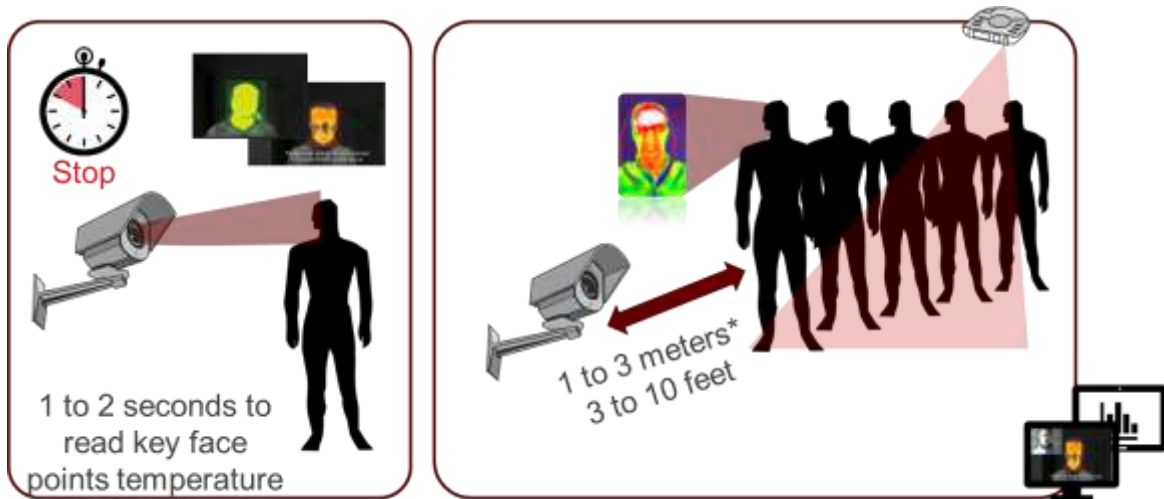
Thermal cameras can be used to read people in a controlled environment and using supporting analytics will display an overlay image (green or red). People exceeding the acceptable threshold can be screened by a designated employee in accordance with the FDA regulations

Placed at all entrances, HSES will greatly accelerate the processes of manually checking everyone that would have to be in place.



## Scenario 2

An employee may develop symptoms while at work. The placement of HSES at key locations can detect possible symptoms, even if they are in groups.



## Scenario 3

Social distancing is an effective technique to reduce the spread of COVID19. The HSES can be configured with 3D Lidar AI components to monitor movement at key locations. Alerts can be triggered if there are compliance issues.



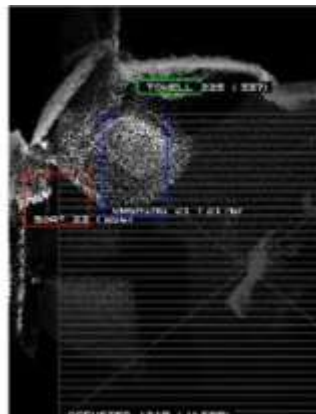
In addition, it can also be configured to:

Count people in a location and issue alerts if thresholds are exceeded.

Establish 'geo-fences' where all or certain classes of employees cannot go.

Track movement of people and/or designated material or equipment.

## Scenario 4



Additional configurations can support more enhanced compliance measures such as handwashing and wearing of safety equipment.

There are many other possible scenarios, and you will have unique circumstances and needs. The HSES is built on an open architecture and industrial grade components. All can be configured to support your needs. In addition, data and analytics specialists can customize the built in analytics.

## But what about privacy?

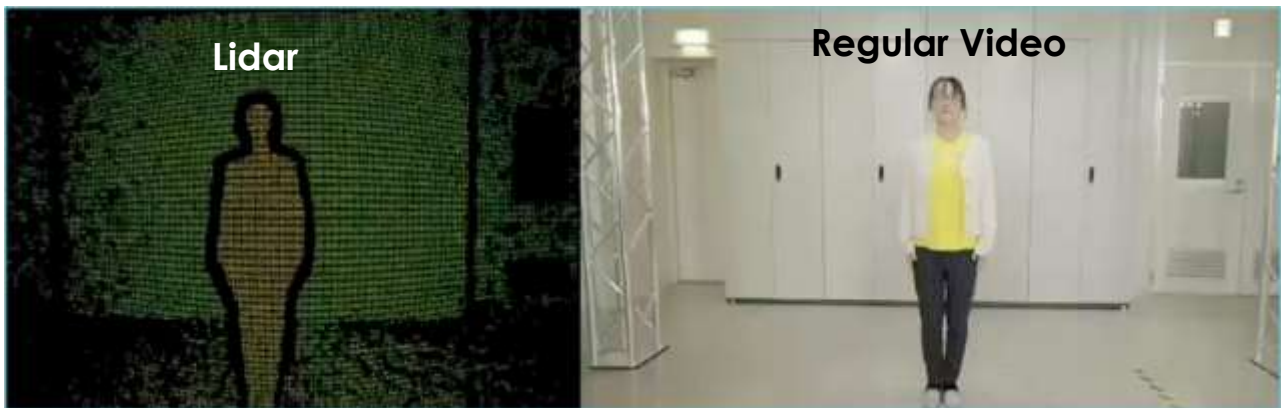
The HSES recognizes that there may be privacy concerns. Additional configurations and other measures can be included to protect everyone's privacy and dignity.

Video Privacy Protection detects people and pixelates or color-masks their full body.



The original feed can be accessed for investigations, requiring a keycard and passcode; actions are tracked for privacy regulation compliance.

Another option is 3D Lidar does not capture personally identifiable information (PII). It can be used in privacy-sensitive locations.



## Other Benefits

This solution is NOT offered as a medical device or medical solution, and it is not certified as such. It enables a set of preventative measures that, when followed up with FDA and CDC guidance, can help reduce the risk of COVID19 spreading.

Taking reasonable, preventative measures is an important element of any company's risk and litigation reduction strategy.

Finally, if a vaccine is later developed, all of the components of the HSES can be repurposed to bring other video analytic capabilities to your company.

[Click here](#) for more information or contact us.

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