ARBELA

Safe Screen from Arbela

Two-steps to safety: Ensuring the health of your team and your business during COVID

Identify and assist employees who are symptomatic for COVID-19 and protect those who aren't with Safe Screen from Arbela.

This all-new solution can help both increase detection rates of employees who may be sick and alert management - protecting employees who are not sick.

Health-screening Kiosk

One of the greatest challenges organizations face in COVID screening, especially front-line organizations, is ensuring the safety of staff performing the screening.

With Safe Scan "self-check-in and assessment" platform, employees are now able to perform initial screening themselves, with no human interaction. Step one is a kiosk where employees securely log-in and answer a series of health screening questions that can help determine whether they may be symptomatic for COVID and tie this information to their employee ID through a RFID badge scanner.

Thermal screening + A.I.

Employees are then screened for signs of fever with hardware (such as thermographic cameras) that captures thermal images and can instantly detect dangerous fever levels associated with COVID-19.

Thermal images are then used in conjunction with artificial intelligence, cognitive services and machine learning tools to detect false positives, and, in the event of true positives, notify those impacted and direct corrective and/or protective measures.

Employees who fail either step, the self-check-in or thermal screen, can be routed for further screening, directed to HR, or simply sent home.

Ensuring compliance & security

In addition to automating the screening itself, the system automates most steps connected to securely routing critical information and protecting employee privacy. All information collected can be stored and if required reported to the Health Department while ensuring HIPAA compliance.

Built on Azure, Safe Scan makes creating a safer work environment simple, secure, and compliant.

While there currently may not be a solution for COVID-19 itself, Arbela Technologies is honored to offer a solution to help ensure best practices in preventing the spread of the disease and keeping businesses open.

Contact Arbela at info@arbelatech.com to learn more about Safe Screen by Arbela.

Benefits

- Helps provide a safer working environment for employees
- Automates and reduces time of screening of employees at the beginning of their day
- Reduces person-to-person contact during the check-in process
- Increases detection of COVID-19 symptoms
- Ensures and reports on regulatory compliance of COVID-19 screening operations

Technologies

- Microsoft Power Apps
- Common Data Service
- Azure Cognitive Services
- Azure Data Lake Storage
- Azure Functions
- Azure Logic Apps
- Azure Machine Learning