

# TOUCHLESS SCREENING KIOSK

Self-Guided, Expedited Individual Health Screening

## The Challenge

The rise of COVID-19 has prompted governments and businesses to rethink their safety and security considerations to include viral contagions. To operate at full capacity, many facilities will require rapid-screening capability at access points. Enabling a new normal means making health screenings fast and easy through solutions that are rapid, scalable, and touchless.

- **Rapid**, to facilitate high throughput at entry points
- **Scalable** features for affordability across a range of customers
- **Touchless**, to minimize virus transmission

## Our Solution

Our **DetectWise™** touchless screening kiosk provides an intuitive, self-guided experience that facilitates and expedites effective screening, so you can be assured that people entering your facility aren't introducing health risks.

We configured our kiosk for three separate customer segments:

- **Basic Pass/Fail Evaluations** – A stand-alone kiosk placed at your entrance that simply evaluates on a pass/fail basis without collecting data (no data privacy concerns)
- **Advanced User** – Health screening connected to individual entry data collected from tickets or passes (kiosk capable of managing the smart queuing of entrants)
- **Critical Infrastructure Users** – Fully networked smart kiosks, tied into databases and used to satisfy entry controls (facial recognition, retinal scan, smart cards) and/or virus tracking

## Our Approach

The DetectWise touchless screening kiosk allows for non-contact health screening for people seeking to access an area, while minimizing personal risk and risk to others, as depicted in the Parsons touchless screening kiosk workflow on the following page.

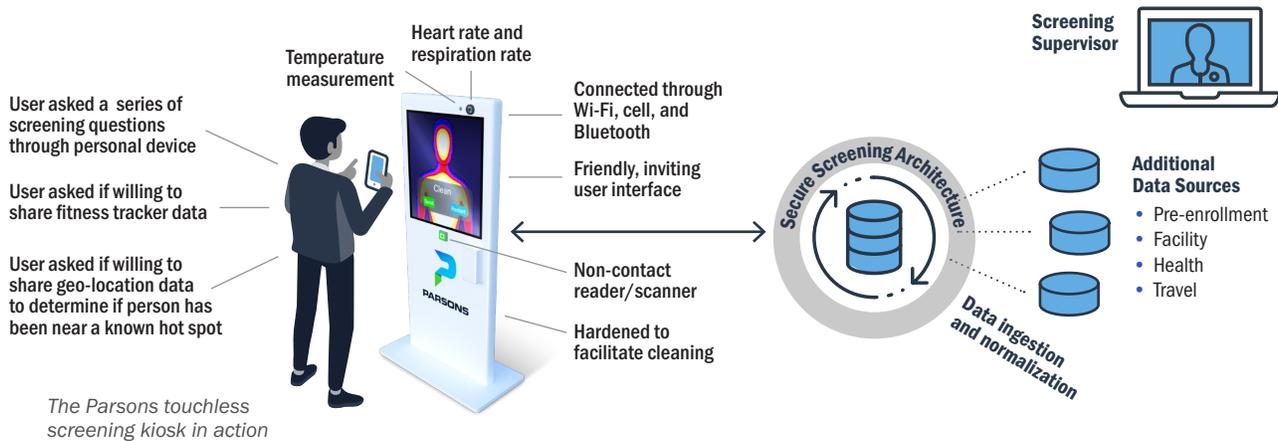
- **Non-Contact Interface (NCI)** – The welcome screen prompts users to complete a short questionnaire using voice recognition/gesture tracking on the kiosk or through a web app linked to the kiosk and accessible on a mobile device. The kiosk guides users through each step. Based on results, the kiosk will grant access or direct the individual to a queue for further screening.

## Applicable For:

- Government buildings
- Critical infrastructure owners
- Event venues
- Commercial/academic buildings/campuses
- Hospitals and medical facilities
- Nursing and retirement homes
- Industrial facilities



Multiple-form-factor touchless screening



- **Standoff Physiological Monitoring** – Embedded sensors passively monitor multiple physiological metrics, providing an individual health risk assessment. Options include measuring temperature (to detect fever), respiration rate and pulse rate (heightened respiration rate may indicate compromised respiratory system), and/or duration since previous screening using facial recognition (which will also match the person to their health records). Detected anomalies can trigger a remote video link to a supervisor or trained attendant.
- **Data Sources** – Data can be linked to a ticketing system to authenticate the results of the health screen. Users can be provided with the ability to opt in and provide additional health data in exchange for additional benefits (such as accelerated entrance into a facility).

## Why Us?

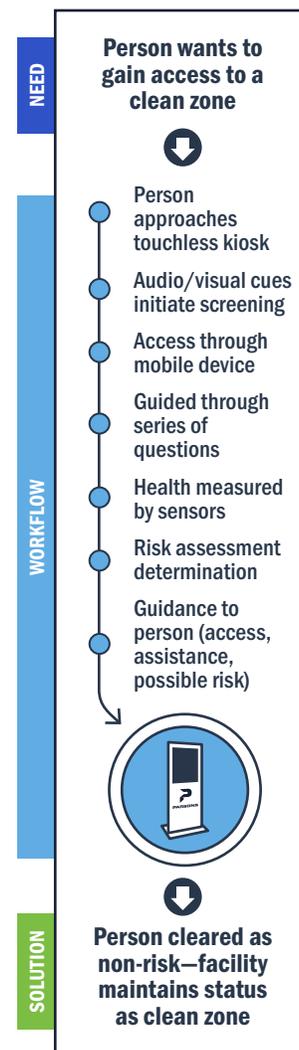
We care deeply about the health and safety of our team, our partners, and our customers, and we remain more committed than ever to our purpose of delivering a better world—even from a distance. We’re a 16,000-employee company with a 75-year legacy of managing a diverse variety of infrastructure needs across the globe.

We support a wide range of clients—from federal, state, and local governments to commercial clients, such as utilities, mass transit organizations, commercial companies with large corporate campuses, and client construction sites. We draw on proprietary kiosk technology and integrate other functionality, such as call center support, interactive live agent, data monitoring, data triggers (anomalies in the data), artificial intelligence, infrastructure maintenance, and custom software.

Our decades of experience includes the following:

- **Anomaly Detection And Handling** – Vehicle inspection solutions for US and Canadian state and provincial governments
- **Advanced Sensor Technology** – Standoff physiological measurements for the military
- **Database Access/Integration** – Efforts across both commercial and government sectors
- **Facility Access Control** – For military installations

Our touchless screening kiosk provides the secure solution needed to make the new normal a safe normal.



*The Parsons touchless screening kiosk workflow*

## For further information, please contact:

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