PHULUKISA
Covid-19 Solution

IN PARTNERSHIP WITH **Microsoft**

The Corona viral pandemic is proving to be the biggest existential threat to humankind since the World Wars. Effective management of this crisis will be the legacy of our generation.
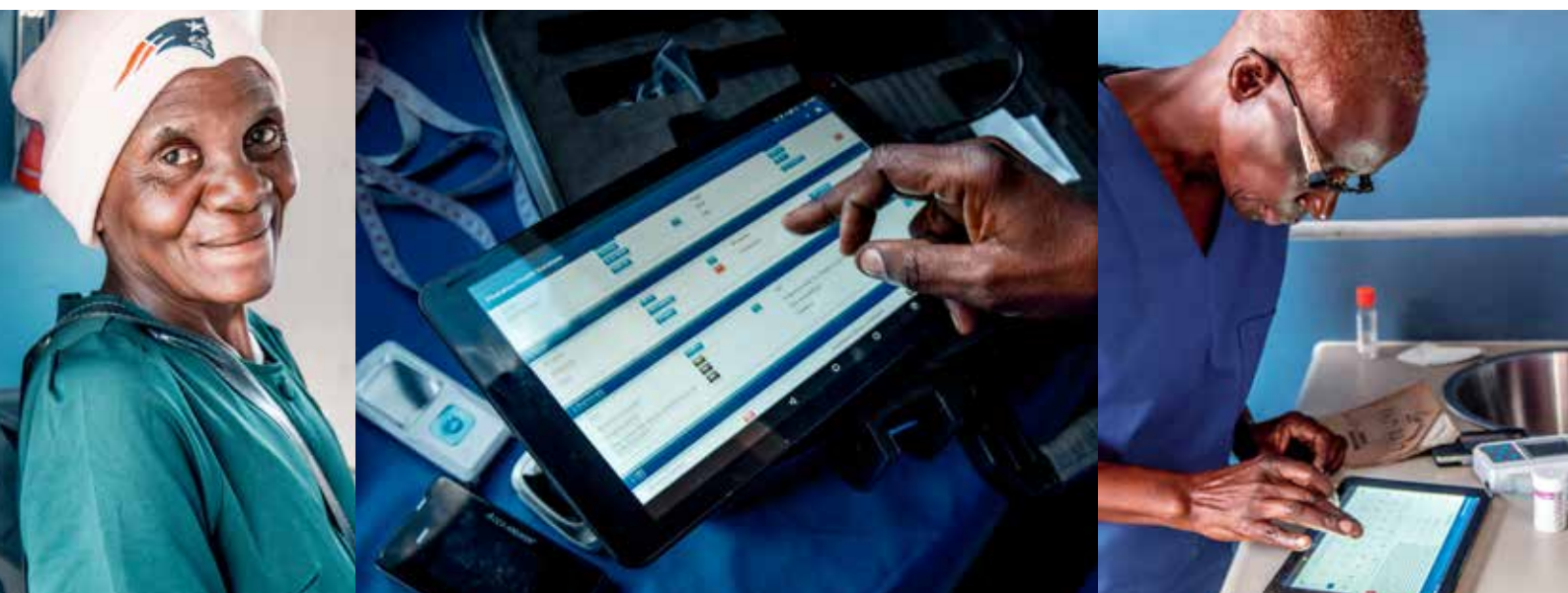
While there can be no disputing the value of good personal hygiene, social distancing, isolation and effective therapies, early diagnosis is certainly the backbone of any therapeutic strategy. The challenge is the very subtle signs and symptoms that precede a carrier and eventual infected person.

By pouring over the latest papers which have documented the experience in Asia and now Europe, we have built an automated decision tool that would assist decisions around the need for testing.
The rationale behind this is twofold

    I.   While it may be ideal to test everyone with the slightest sign, there are simply
        not enough test kits available

    II. A carrier may not initially have symptoms or test positively, but this may change
        over the course of days or hours.

The rationale for making good decisions is that if we distribute the limited resources intelligently, containment of the infected and "flattening of the curve" will allow for medical resources to keep pace with the rate of the infected and prevent a catastrophe.

Our system is as effective as it is simple.
It is a two-phase screening.

The first screen is 5 questions that are simple to follow – this could be done

» At home

» Through a call centre

» At a port of entry (like an airport)   At an emergency room

» Prior to reporting for duty at work

The outputs of this screening are simple and instructive

1. Test (go straight for swabbing)

2. Don't Test

3. Refer (for part 2 of our screening)

Part 2 of screening involves another set of 7 questions plus two extra inputs – Temperature and Oxygen Saturation These questions and inputs are simple and could be performed by ancillary staff or non-medical personnel.

The benefits of our system beyond the obvious is that

» Automation of decisions allows for consistency – no decision fatigue on the
part of health workers

» The burden of making difficult/ emotionally charged decisions doesn't
rest on the shoulders of the health workers

» The ability to easily scale will now manage the hysteria

» Can easily patch into existing call centres and app's

» Will have the ability to manage enquiries anonymised or after an
onboarding process (customer preference)

» Geolocation capabilities will also allow available to allow auto population
of heat maps that will allow tracking

» Nearest screening facilities will be presented to at risk patients

» Facial recognition software is an additional add-on if a customer would want

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We provide a full turnkey solution

- Customization
- Training
- Equipping

Pricing

Pricing is a factor of numbers needed to be screened and speed at which they needed to be screened.

Screening takes no more than 5 minutes, and every station can process 10 clients per hour. Thus the amount of stations required is a factor of what the demand for screening is.

Bespoke customizations are readily offered to meet customer expectations. There are options to purchase the service on a "per click" or per screened model.

It could also be delivered on a license/ SaaS basis where limitless screening is allowed and the number of stations required is priced.

Feel free to contact us to discuss your needs
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