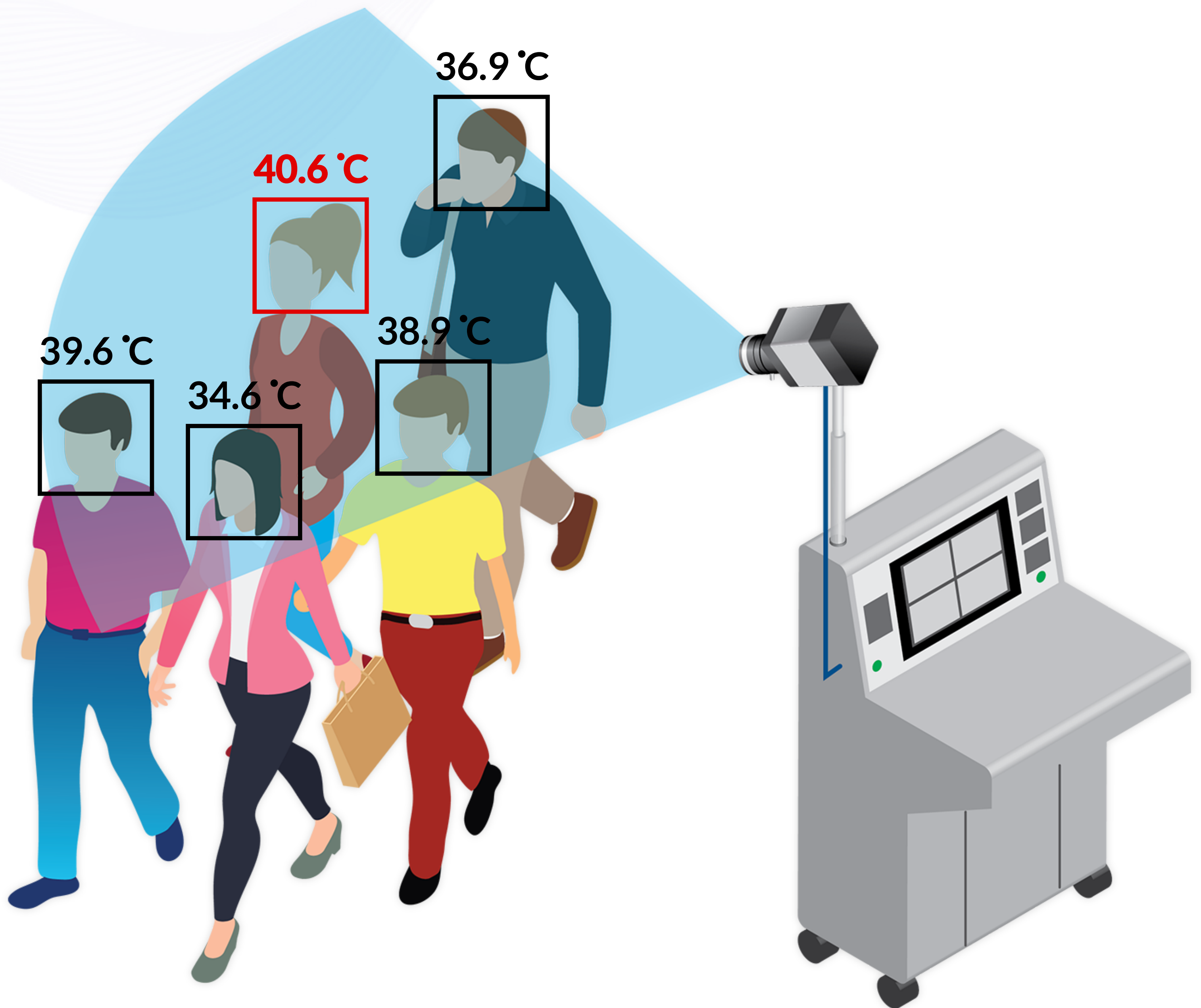# Strategic Thermal Imaging

36.9 ℃

40.6 ℃

39.6 ℃

34.6 ℃

38.9 ℃

Body Temperature Scanner Solution

Ultimate safety and security for those living, working and visiting your home.

Helping you manage COVID-19

Features
of Body Temperature Scanner Solution

① Identify at-risk visitors and staff before they come in contact with residents

By setting up Strategic Thermal Imaging at your entrance, you can scan visitors and staff for elevated temperatures before they come into contact with residents.
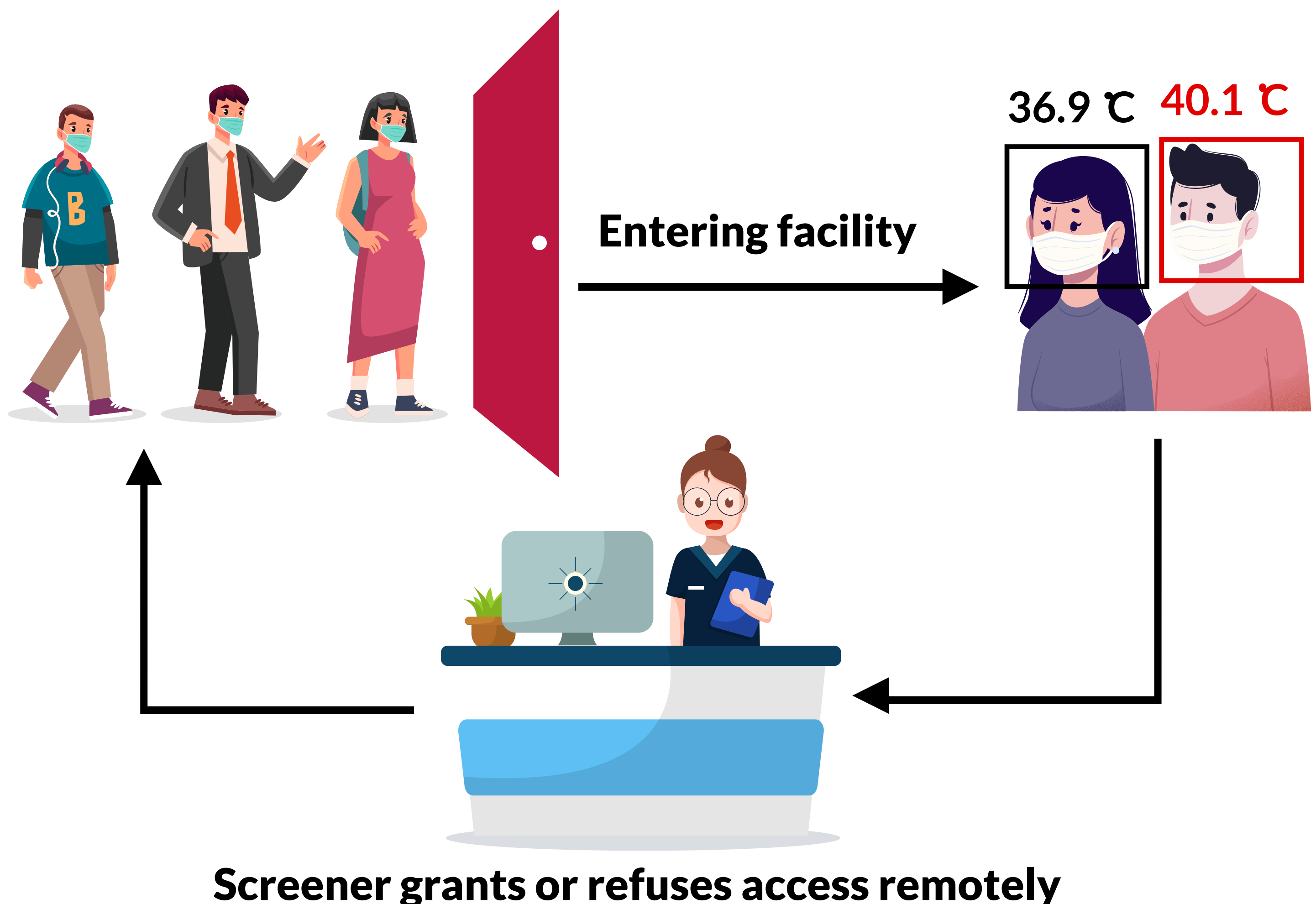
② Staff is notified of potential risk

If a visitor or staff member arrives with elevated temperature , Strategic Thermal Imaging sends designated personnel an email or notification along with the affected person's image. The alert allows the home to begin disease prevention protocols immediately.

③ Help reduce risk to residents and staff

If a visitor or staff member brings the flu into your home, your residents and staff are at risk of infection. Strategic Thermal Imaging helps prevent a contagious outbreak, keeping your residents and staff safe.
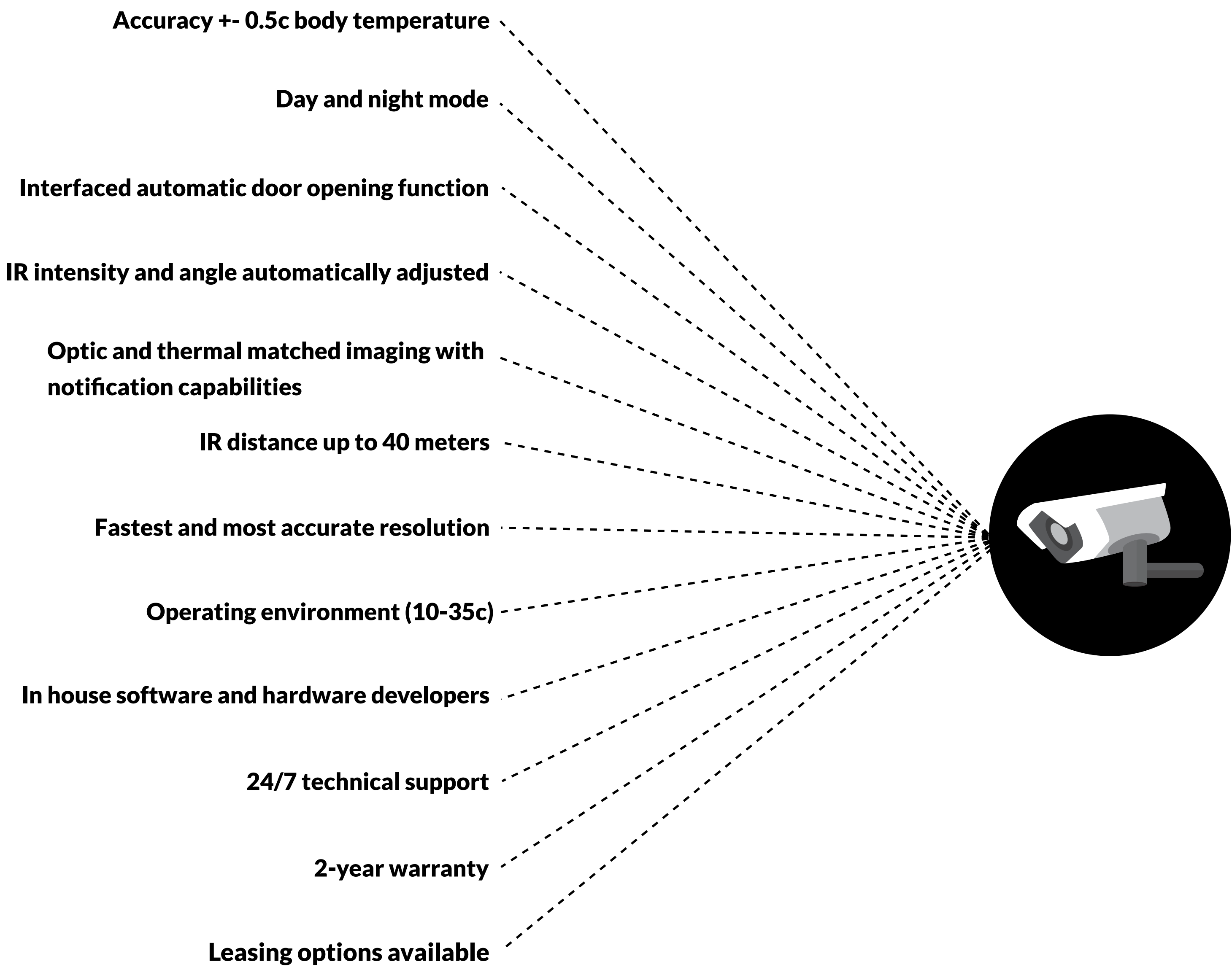
④ Help improve outcomes

For residents with a weak immune system or immune deficiencies, an illness like the flu or Norovirus can be devastating. With Strategic Thermal Imaging, identifying potentially contagious visitors and staff before entering the home, you can help prevent the spread of illness, resulting in better health outcomes.

Entering facility

36.9 ℃ 40.1 ℃

Screener grants or refuses access remotely

Solution

by Strategic Thermal Imaging Inc.

Accuracy +- 0.5c body temperature

Day and night mode

Interfaced automatic door opening function

IR intensity and angle automatically adjusted

Optic and thermal matched imaging with notification capabilities

IR distance up to 40 meters

Fastest and most accurate resolution

Operating environment (10-35c)

In house software and hardware developers

24/7 technical support

2-year warranty

Leasing options available

1 Deploy At Checkpoints

Screens multiple people at once and optic lens identifies the person with elevated temperature

1-2m

2 Set Notifications

Cameras with screening mode can be set to notification when detecting elevated temperature.

100.1°

3 Measure Skin Temperature

Measure temperature on the face in key areas, especially around the tear duct

97.3°

We Offer
a Better Approach

A better choice, utilizing an approach that incorporates superior technology, instead of manpower alone.

Safer
Non-contact measurement to avoid physical contact

Faster
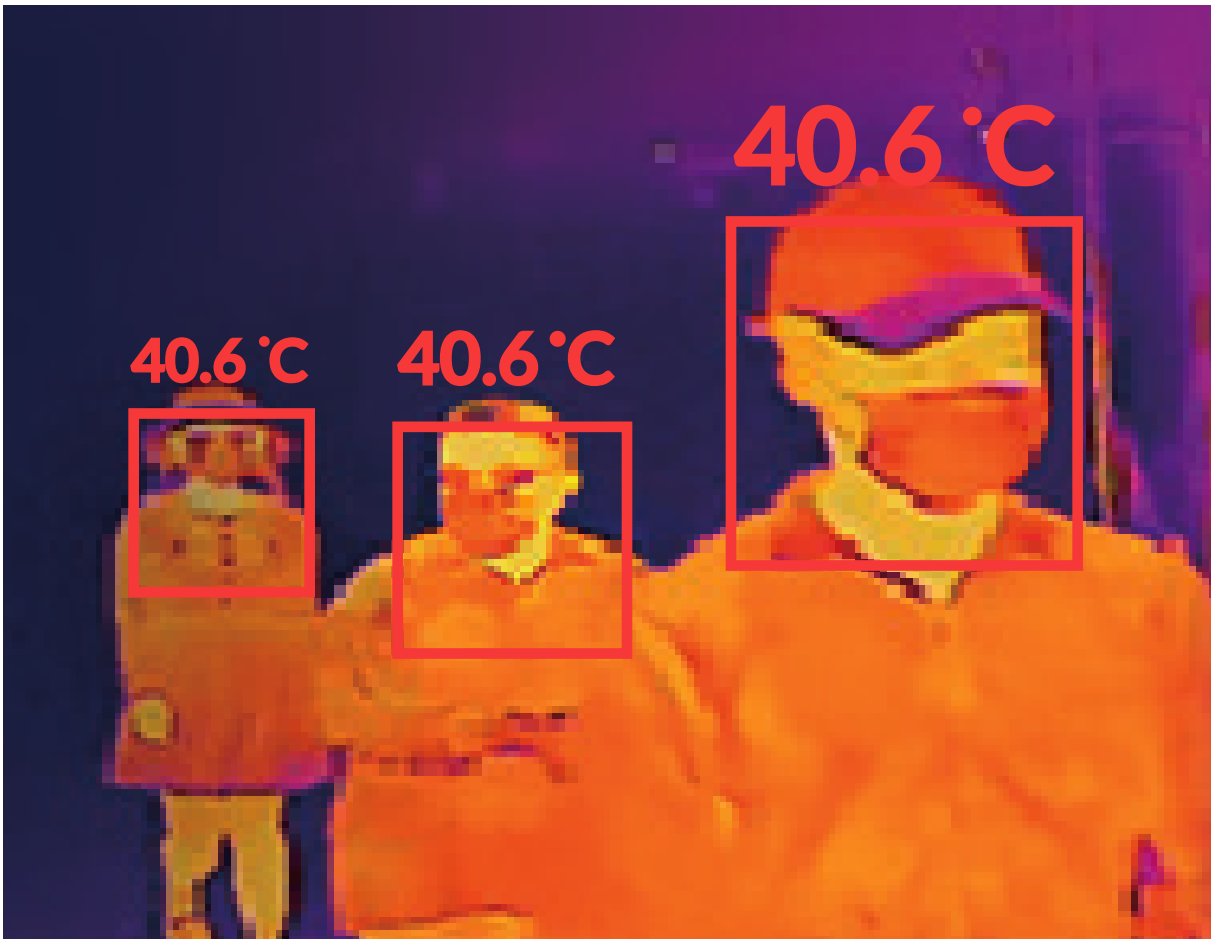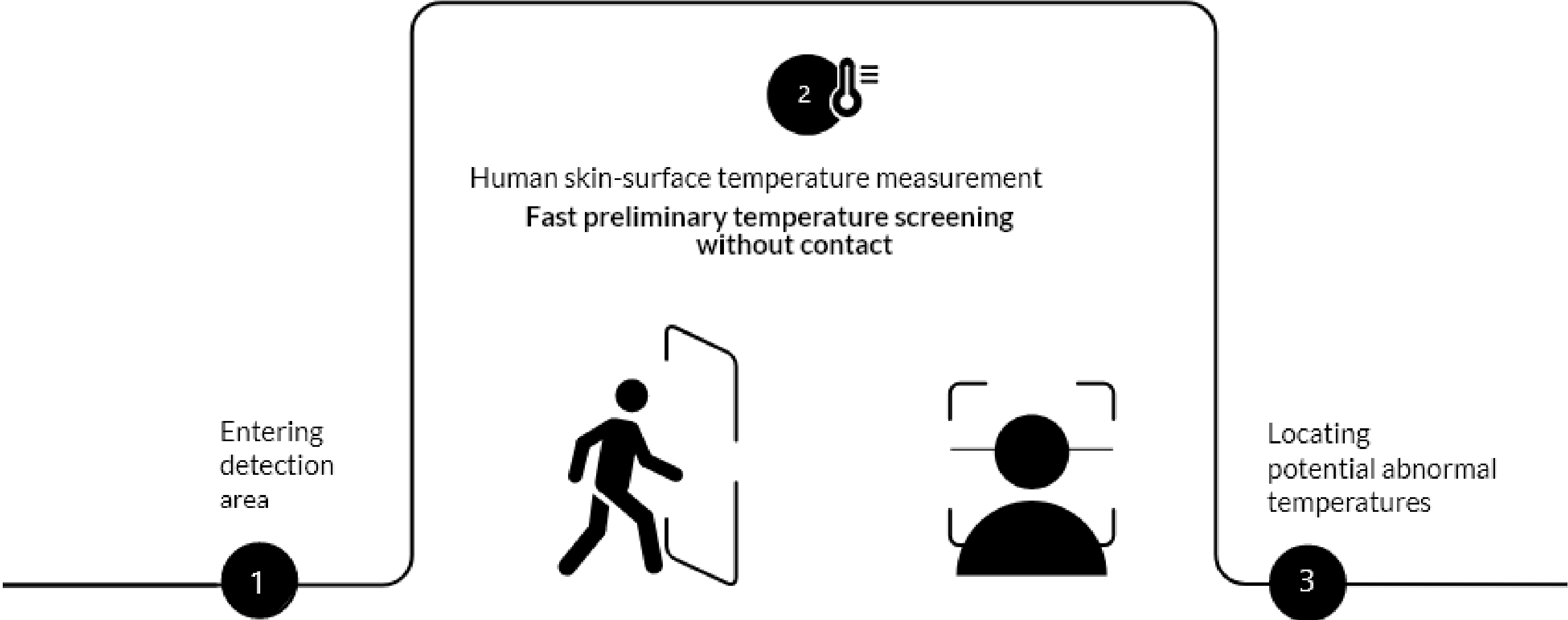One second per person for skin-surface temperature detection

Smarter
AI detection, greatly reducing false alarms

Advantages
of Thermal Technology

- AI technology ensures thermographic cameras only detect human skin-surface temperature to reduce false alarms of other heat sources.

- Compensation algorithm ensures the temperature is compensated with ambient temperature and the distance of the measured target for better accuracy.

- Thermal technology has been applied widely in temperature screening scenarios as it offers more flexibility and efficiency in preliminary screening of elevated skin-surface temperatures.

Workflow

Entering detection area

Human skin-surface temperature measurement
Fast preliminary temperature screening without contact

Locating potential abnormal temperatures

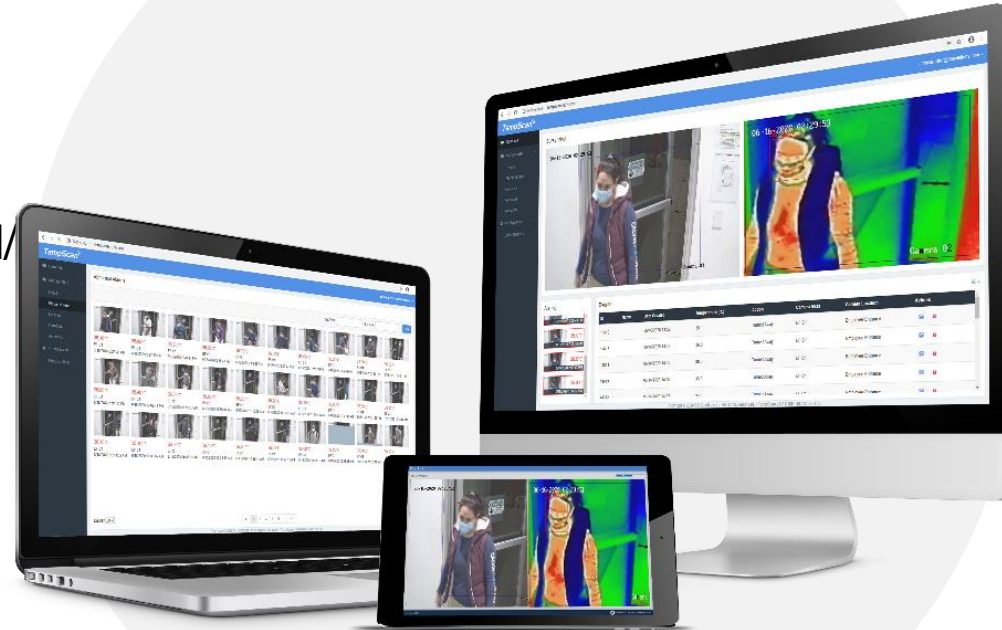1

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KEY DIFFERENTIATORS

Strategic Thermal Imaging FEATURES

Intelligent facial detection and/
recognition

Fully integrated with industry
specific software

Record video feed to existing
NVR/DVR

Health Canada approved Class I
Thermal Body Temperature
Monitor

Additional Features

The suite of software contains:

Strategic Thermal Imaging Viewer

The most used software of the suite is the viewer. It provides a side-by-side live view of the selected camera. This allows one central user to monitor all cameras installed in any location.

Strategic Thermal Imaging Foundry

Control Center allows you to configure the system administrative settings. New users can be added, permissions assigned as well as camera configurations. Temperature thresholds, auditable alerts, image resolutions can all be adjusted as well. Control Center is available as an Enterprise version for larger practices that require Active Directory integration for centralized user and permission management.

Strategic Thermal Imaging Event Logger

The Event Logger is the most important component of the suite. In the event a patient's elevated temperature is detected, the system will capture both a traditional image as well as a thermal image and store it in the database. The system user is prompted to record information such as name, contact information, date & time, etc.

FREQUENTLY ASKED QUESTIONS

CONTACT US ANYTIME!

Q: What is a normal body temperature?

It's about 37°C (98.6°F). A high temperature is usually considered to be 38°C or over but normal temperatures can vary from person to person and change throughout the day. Temperatures can also fluctuate during a woman's monthly cycle. Taking an accurate reading of core body temperature isn't easy. Although it can be measured on the forehead, in the mouth, the ear and the armpit, the most accurate way is to take a rectal reading.

Q: Do thermal cameras detect coronavirus?

No. As a means of helping to prevent the spread of Coronavirus (COVID-19), these thermal imaging systems serve as a pre-screening device. It identifies elevated body temperatures which could be indicative of a fever (one of the symptoms of a viral infection). While these do not replace conventional medical testing, they can be used to give an early indication when used properly. According to the CDC, 85% of those admitted to the hospital with confirmed cases of Coronavirus had fever symptoms.

Q: Does TempScan have Health Canada clearance?

The TempScan camera is an authorized medical device for uses related to COVID-19 other than testing devices.

Q: What if I'm wearing a face mask or covering?

Heat radiating from the skin will likely be impacted by wearing face masks. That's why most temperature measurements are based on the forehead, which is usually exposed.

1.833.733.3146   orders@silverliningshc.ca

FREQUENTLY ASKED QUESTIONS

CONTACT US ANYTIME!

Q: Will I be hotter if I've been exercising?

Not necessarily. Skin temperature actually goes down during exercise as sweat appears on the surface of the skin. The body is pretty good at regulating its temperature even after exercise, so it would have to be quite high to show up.

Q: How do you get an accurate reading?

- The system is used best when put in an environmentally controlled area.
- The subject's face needs to enter the camera's FOV, typically 2' to 10' away depending on the lens being used.
- Alarm parameters are set up to trigger with readings of body temperatures above a certain threshold.

Q: How do we have the knowledge to supply EBT Systems to address the COVID-19 Pandemic?

Thermal imaging technology has been used for EBT for over 15 years - since the SARS, Avian Bird Flu and the Swine Flu epidemics. Our team has decades of experience applying imaging analytics technologies for EBT measurement, as well as a host of other applications for various industries.

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