Recommendations in fingerprint recognition systems to mitigate contagion by contact

suprema
SECURITY & BIOMETRICS
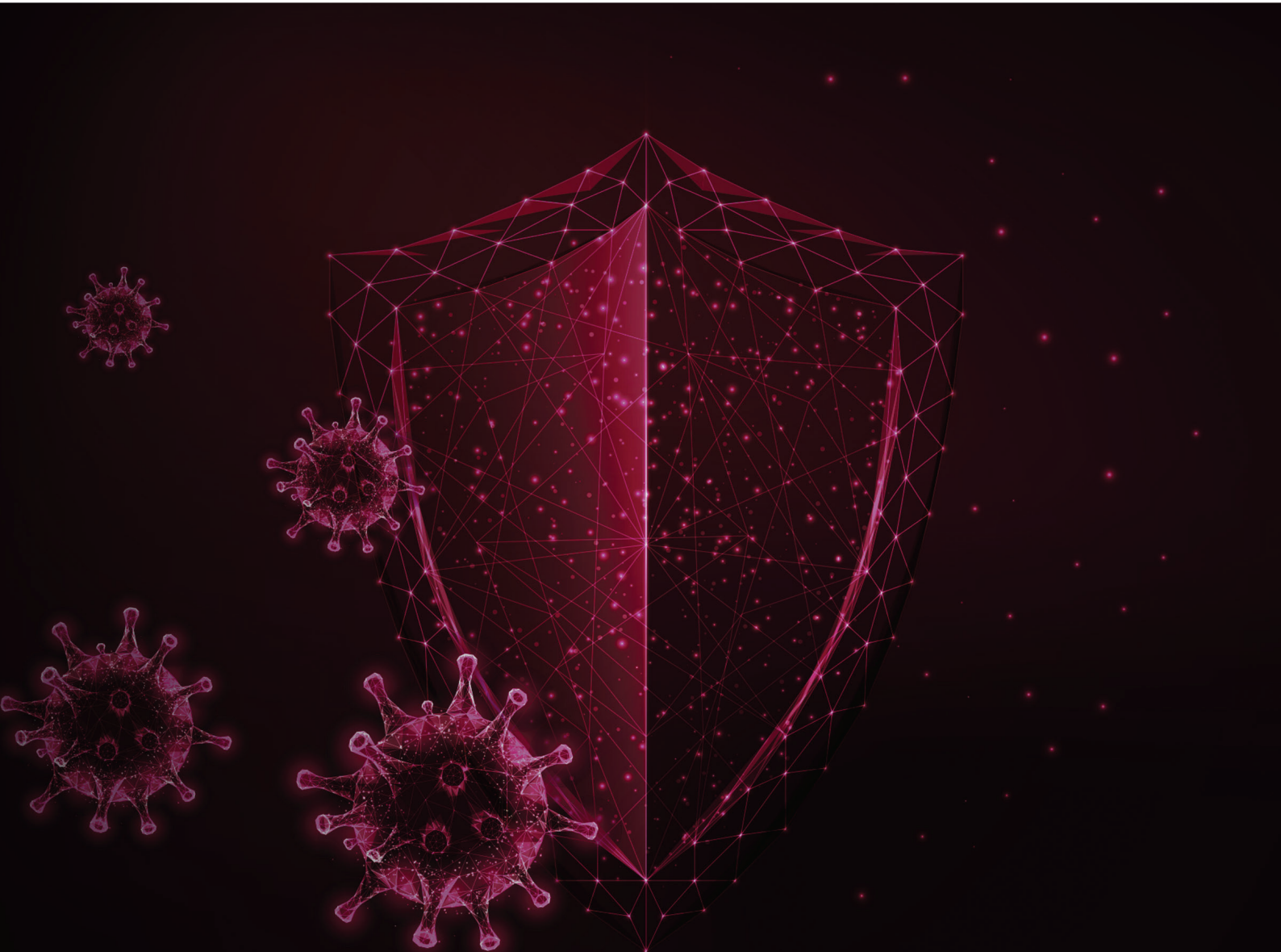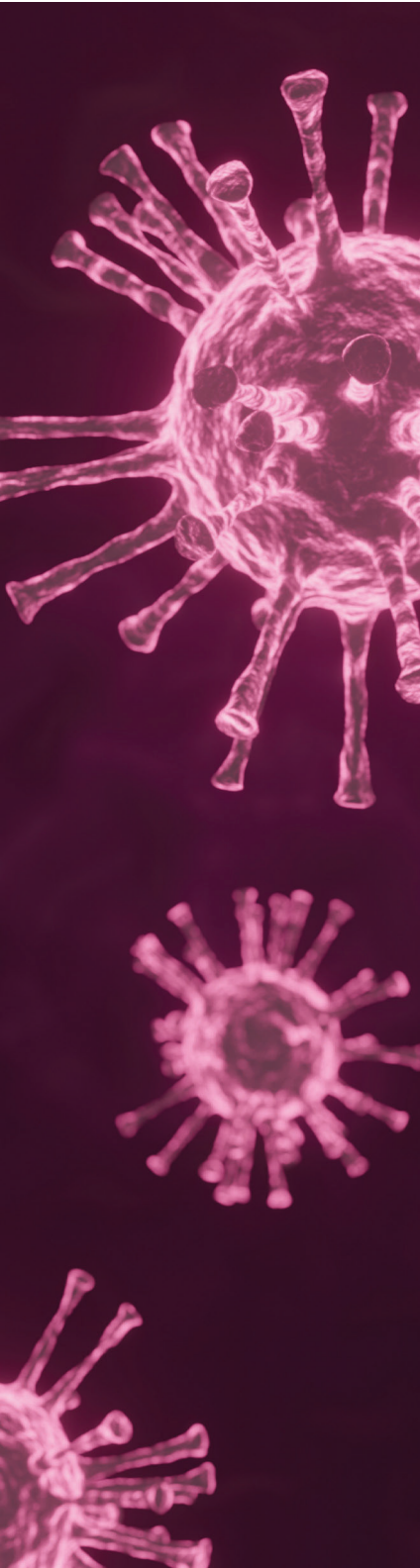
Introduction

—

We are facing an unprecedented global health emergency, where the rapid and effective implementation of actions on security systems can have a positive effect on preventing the spread of contagion.

This guide of Suprema will help you understand how to prevent the spread of infections :

· Identify sensible use of fingerprint recognition technology.
· Apply disinfection procedures for fingerprint recognition products in existing systems.

We hope this document will help you maintain health security within your facility.

Suprema Inc.

Using fingerprint recognition under COVID-19

Fingerprint recognition is a secure and convenient technology that has become common and widespread, not only in smartphones, but in our everyday lives as well.
However, the recent global outbreak of COVID-19 is raising questions about how safe using fingerprint authentication really is as touching the sensors can potentially spread viruses.

Safety of fingerprint recognition

It's difficult to claim that fingerprint recognition sensors are completely safe from spreading viruses.
That said, fingerprint recognition sensors are less likely to be contaminated than other surfaces such as door handles and elevator buttons. Therefore, sensible use of the technology can help to significantly prevent the spread of the virus.
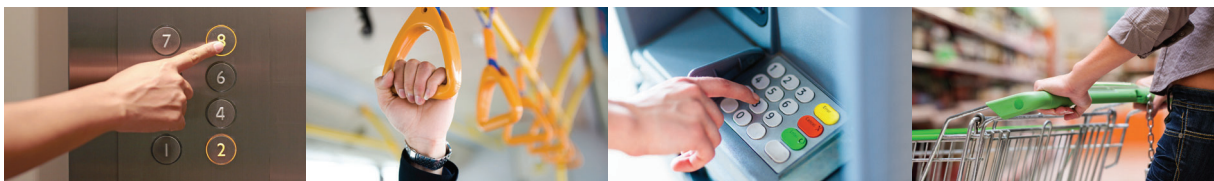
Risks of using fingerprint recognition

Fingerprint recognition sensors have a very small contact area, with weak pressure applied and a touch duration of under one second.
In addition, users of fingerprint sensors are limited to known, authorized people whereas other commonly touched surfaces such as commuting poles on public transport are touched by countless random people.

VS

VS

known and
authorized people

Countless
random people

Perceptions around the use of fingerprint recognition technology

It is already well-known that using hand sanitizer or washing hands can effectively prevent virus infection. In a pandemic like the one we now find ourselves in, we can keep ourselves safe by keeping hand sanitizer next to fingerprint recognition sensors and directing people to use it after touching the sensor.

How To Cleanly Use And Disinfect Suprema Products

—

Product disinfecting recommendations :

· Use rubbing alcohol (containing 70% Isopropyl alcohol) and a clean,
non-abrasive cloth like lens wipe.

· Moisten the cloth or the wipe with a proper amount of rubbing alcohol and gently
clean all exposed surfaces including fingerprint sensor.

Cautions :

· Be sure to read and use the cautions for use of alcohol purchased.
· Be careful not to get alcohol into the product when cleaning the surface of the
product. Disinfecting products should only be applied to exposed surfaces.
· Contact Suprema for approval to use specific cleaning products.
· Do not apply liquid directly to the surface of the product.
· Do not use any form of abrasive cleaner to painted or plastic surfaces.

The outbreak of COVID-19 is threatening aspects of our lives that we have been taking for granted. At the same time, it has elevated our fear and concern to an unnecessary degree. Instead of letting fear grip us, clearly understanding the safety level and risk factors of the technology and using it wisely can be a way to combat the spread of the virus.

Suprema Inc.

17F Parkview Tower, 248, Jeongjail-ro, Bundang- gu, Seongnam-si, Gyeonggi-do, 13554, Rep. of KOREA
T +82 31 783 4502   **F** +82 31 783 4503   **E** sales_sys@supremainc.com   www.supremainc.com

For more information about Suprema's global branch offices,
visit the webpage below by scanning the QR code.
https://www.supremainc.com/en/about/contact-us.asp