# SAFELY BACK TO THE OFFICE

## FRICTIONLESS ACCESS

**When staff and visitors return in numbers, keeping physical contact to a minimum will be critically important to create a safe environment and make people feel safe in the workplace.**

By integrating technologies such as Artificial Intelligence (AI), Bluetooth and Passive Infrared sensors (PIR), G4S can create an access control system that is completely touch-free

Many workplaces use access control systems to authorize entry into buildings. Historically, this has often involved equipment which needed to be touched - like the need to type in a code on a keypad, opening a door by touching the handle, or pushing a button to exit, for example. Even using a lift involved pressing buttons.

## So How Does Frictionless Access Work?

Frictionless access enables a building access control system to identify an individual and allow secure, controlled entry and/or exit with remote or contactless biometric identification. Because it doesn't need physical credentials to operate, it requires minimal visible infrastructure yet allows access with minimal impact on personnel.

# The G4S Difference

There are a variety of technologies, including Facial recognition readers, Bluetooth readers, PIR motion sensors, and touchless Request to Exit buttons that all help to eliminate physical contact with frequently touched surfaces

Removing high touch elements results in hygienic contact-free operation for users, with the ability to maintain the required level of security whilst minimising risk of exposure to all occupants.

Whilst a building may not be fully contactless, there are ways to limit contact in specific areas by employing frictionless access solutions:

- Use of facial recognition software can automate access control and minimise the manual intervention needed
- Both server-based and device-based analytics are available based on customer needs, which minimises the cost per door

Because each individual building may require a different suite of solutions, G4S can integrate an existing Integrated System with any of our industry-leading third-party technology partners to provide the ultimate in touchless access control and visitor management.

A number of different technologies are available from G4S, which are shown below.

Note that where "any AACS System" is flagged - this means that we could help with any existing access system.

## Standard Prox Readers

**Usage:**

Present card within 10 cm of reader to activate it.

**Compatible With:**

Any AACS System

## Long Range Prox Readers

**Usage:**

Present card within 60 cm of reader to activate it. Limited usability when number of doors close together.

**Compatible With:**

Any AACS System

## Biometric Readers

**Usage:**

Either swipe hand through reader or look into a camera to activate. Reader either reads vein pattern in hand or on retina

**Compatible With:**

Amag Symmetry primarily

## Facial Recognition

**Usage:**

Uses analytics to compare a person's face with that stored on the database

**Compatible With:**

Amag Symmetry primarily

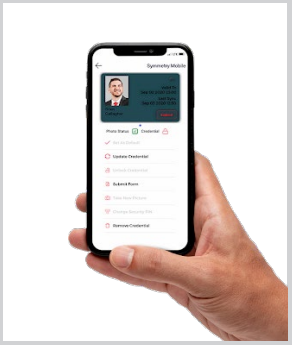
## Mobile Credentials

**Usage:**

Use bluetooth and unlock function on phone to operate reader

**Compatible With:**

Amag Symmetry primarily



## Passive Infrared Request To Exit

**Usage:**

Passive Infrared Request To Exit

Detects movement close to door and unlocks door

**Compatible With:**

Any AACS System

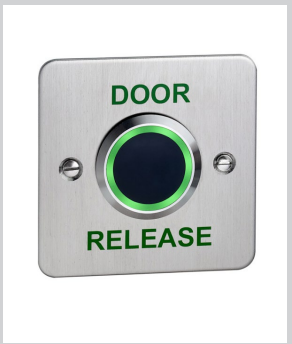

## Contactless Buttons

**Usage:**

Unlock a door to exit by putting hand in vicinity of item

**Compatible With:**

Any AACS System



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