

# Occupancy & Throughput Assurance Solutions



Health authorities recommend limiting the number of people inside buildings to minimize the risk of exposure to the virus that causes COVID-19. In order to meet this recommendation, it is important to know how many people are queued to enter your facility at any given time, and that they are not standing in line for extended periods. G4S offers a number of products and services to address these needs.

Security can play an important role in managing occupancy. Reducing time spent standing in line helps to minimize the worry and frustration people might feel when they must remain physically distant from others while still accomplishing their business in your facilities. Implementing procedural changes to address occupancy and throughput can help ensure you have practices in place that align with the duty of care you have for ensuring safety and security in the facility. Being able to provide accurate and timely reporting also shows your organization and the world that you are taking a managed and effective approach to these new challenges in the workplace.

As your trusted security advisor, G4S can provide staff, strategies and tools to help manage the number of people entering and exiting your building. G4S security professionals will manage the congestion that can occur to ensure a smooth flow of traffic. We can advise on the policies and procedures required to comply with the latest

health guidance such as flexible worksites, flexible work hours, signage and other physical distancing strategies. G4S can offer visitor management tools that not only digitally register visitors, but also help you to understand who is in your building, how long they have been inside and where they've gone. Intelligent cameras can count the number of people who have entered and exited a facility and alert you when your pre-determined occupancy threshold has been met. By adding a time variable to the technology, we can measure throughput rates on line-ups.

## COMMON QUESTIONS

- How do I know how many people should be in my facility at one time?
- How can I control the number of people in my facility at any one time?
- How can I ensure that the people standing in line outside of my building are doing so safely and how do I measure how quickly they are being processed through that line

G4S has organized solutions to address these questions into three, easy-to-follow categories: people, process and technology. This helps you personalize the right solution based on your needs and budget. It also can help your organization deploy a structured approach based on your organization's immediate risks and long term goals.

### PEOPLE



Security personnel to manage congestion and ensure a smooth flow of traffic into and out of your facility

### PROCESS



Develop policy, procedure and process to meet health authority and local regulatory guidance around facility occupancy and throughput

### TECHNOLOGY



People counters on doors or intelligent video that can count people, measure throughput rates and traffic light signaling



## PEOPLE

G4S can provide dedicated staff to manage congestion and ensure a smooth flow of visitors to your facility. With the aid of a simple handheld tally counter, security personnel can count the number of people entering and exiting the facility. They can help control the number of individuals allowed in designated areas such as lobbies or receptions. Whether the group is large or small, circumstances can cause a calm crowd standing in line to become unruly. Frustration from long lines can cause tempers to flare. G4S security personnel are trained to de-escalate charged situations and, if necessary, assist with crowd control.



## PROCESS

Our health and regulatory authorities have provided clear physical distancing guidelines. We should remain a distance of 6 feet or more from one another. G4S can help you develop the policies and procedures required to manage occupancy load and throughput rate, therefore helping you to mitigate the risk of people not physically distancing within your facility. To limit occupancy, you may wish to consider flexible worksites (e.g., telecommuting) and flexible work hours (e.g., staggered shifts). A risk assessment can help with pedestrian traffic flow design. Consider one-way systems using floor markings and signage to highlight system and direction. Where queuing is necessary, floor marking should be used and overseen by security to ensure distancing requirements are met. Where possible, stagger arrivals to prevent peaks and therefore spread arrivals evenly across the open period. Temporary barriers can be used to help shape queues and control the flow of pedestrian traffic. Markings should be placed outside to indicate the required social distancing of queue spacing. Consider also flow arrows if needed.



## TECHNOLOGY

G4S offers simple technological solutions such as plug-and-play door-mounted counters that install in minutes. These counters can be battery operated and WiFi-connected, providing an exact count for single adult entries. G4S also offers more advanced solutions, such as AI analytics on video cameras, that count the number of people in your facility at one time and produce an alert, sent to specified users or to a security operations center, when that count exceeds a predetermined threshold. Intelligent cameras can be positioned to view lines outside of your facility and by adding a speed variable, they can measure throughput rates. Cameras can be equipped with traffic light signaling technology that helps to ensure a smooth flow of people traffic. Intelligent video surveillance can help reduce loitering by notifying users when visitors have been idle or motionless for a specified amount of time. G4S offers visitor management systems that automate all processes associated with the lifecycle of a visitor to your facility. You can now know who is in your facility and how long they have been there.

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