

# PPE Detection Solutions



As people begin to return to work throughout the country, organizations will need to take steps to limit the spread of respiratory droplets from people who may be infected by or be a carrier of the COVID-19 virus. One important precaution to mitigate the spread of COVID-19, as well as other viruses, is the appropriate use of Personal Protective Equipment (PPE). Health authorities suggest that employers take steps to limit the spread of COVID-19 by providing a face covering, if feasible and available, to all staff and visitors.

The presence of COVID-19 on your premises can lead to facility shutdowns, lost work time for employees, severe illness, or even death. Having a standard in place for wearing the proper PPE sends a proactive, positive message. Informed workers who feel safe at work are less likely to be unnecessarily absent. A comprehensive PPE compliance program will provide reassurance to employees and visitors and will help your health and safety program, whether at a single site or across multiple facilities.

As your trusted security advisor, G4S can help provide discrete, effective measures for calculating the number of people wearing masks in your facility. G4S can provide staff to help manage PPE compliance. Using defined processes and leveraging people and/or technology to enact those

processes, we will help you design a solution that ensures that employees and visitors in your facilities are complying with your requirements for PPE. We can design, engineer and install intelligent video systems that can identify the proper use of face coverings. These systems can detect and alert you to the presence or absence of face coverings in real-time, enabling you to monitor and measure face-covering compliance over time and by location.

## COMMON QUESTIONS

- What resources are available to help me ensure people are adhering to PPE guidelines?
- What processes should I put in place to monitor PPE usage on my worksite?
- What technology is available to help monitor and enforce PPE usage?

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 monitor PPE distribution and adherence

### PROCESS



Develop policy, procedure and process to meet compliance for PPE usage

### TECHNOLOGY



Intelligent video systems that can detect if people are wearing PPE



## PEOPLE

Our security personnel will monitor and report on PPE compliance of employees and visitors on your premises. They will set an example for others while providing a sense of safety and heightened customer experience. If an individual is found to be without the appropriate PPE, our security personnel will politely reinforce your policy. Our security personnel will help ensure that no person gains entry to your facilities without adequate PPE. Our people are trained in the appropriate use of PPE and can be available to conduct training for staff and visitors.



## PROCESS

All organizations should take steps to limit the spread of the COVID-19 virus. In addition to providing appropriate PPE, organizations should provide training, education and information about health and safety, including proper hygiene practices and the use of PPE. Organizations should also provide additional engineering and administrative controls, particularly in environments with a high risk of exposure. G4S can advise you of the guidelines as they pertain to your location and your industry, and more importantly, help establish and execute the appropriate controls for your organization.



## TECHNOLOGY

Today, intelligent video analytics can help protect the public and support procedures that limit the spread of COVID-19. Intelligent video systems have the ability to apply specialized attribute filters to search and identify PPE usage across a visual field. Systems can monitor for face masks or other types of PPE in real-time and alert when they are not detected. Real-time alerts on PPE usage can be delivered as notifications to a workstation or screening officer, and can also be tracked on customizable dashboards. These systems are privacy-friendly because no personally identifiable information is collected or stored. The data captured from intelligent video surveillance systems can help you to understand face mask compliance and provide metrics to aid in the development of informed policies and procedures enabling you to make focused improvements in compliance.

G4S technology experts will assess your situation and design a cost-effective solution to suit your needs. There are several factors to consider when choosing the right solution. The size and style of chosen equipment is a factor in determining whether your camera system will be located during initial entry or throughout key areas in the building. You may wish to utilize existing security infrastructure or augment and create a new solution, depending on your needs.

### THINGS TO CONSIDER:

- Compatibility with existing technology
- Data storage concerns
- Building layout and environment