

F.I.T4 Work

**Fast Intelligent Thermal Solution
Stay Safe when Working**

With the current COVID-19 Pandemic and Social Distancing measure likely to continue for the foreseeable future, we applied our technological expertise to developing a solution helping workers back to work safely with the knowledge they are entering an environment where themselves and co-workers are screened for Covid-19 symptoms such as high temperature and with social distances measures in place.

"Prior to any vaccine being available, the fight against COVID-19 is being led by the ability to detect symptoms and isolate people suspected of an infection. This is a combined effort between different key workers and technology applications. Thermal cameras can play a part in this coordinated approach. These cameras provide thermal imaging for body temperature solutions which can quickly and accurately identify people with elevated body temperatures, one of the key symptoms of COVID-19." - **Omdia (formerly known as IHS).**

One process that is used involves using a handheld infrared thermometer to measure peoples' temperatures as they enter a facility. These manual checks are very time-consuming in an environment where no-one wants to wait longer than necessary ,also exposing them to risk of infection



Our Thermal Solution has an accuracy of $\pm 0.3^{\circ}\text{C}$ and removes the need for handheld thermometers, reducing the risk to staff and speeding up the entry process. By combining the latest CCTV and thermal temperature measurement technology, it is capable of automatically detecting if a person has a higher than normal body temperature and can screen individuals or larger groups simultaneously.

Our A.I. system can screen multiple individuals speeding up the entry process including detection of personnel wearing masks (if required) If required, we can upload snapshots of high temp individuals to email alerts or a secure storage database.

