Mandatory mask wearing check in hygienic design – Mohn extends its portfolio of personnel hygiene stations

Operational safety and the health of employees have never been so clearly in focus as they are today. This most extensively applies in the food industry. In addition to the usual parameters, a variety of new aspects now have to be taken into consideration to raise the safety status to the highest possible level. Who can enter which part of a production facility when must be defined, as must numerous other hygiene aspects from body temperature measurement to sole cleaning. To accomplish this, the Meinerzhagen-based hygiene specialist Mohn is presenting the latest generation of its personnel hygiene stations. It can also be used to check the correct position of protective masks.

The Face Checkpoint Scanner Type FCP with rack and automatic facial recognition.
(Photo: © Mohn)

Access through facial recognition and temperature check

With the Face Checkpoint model, ultra-modern camera technology combined with optional automatic data comparison enables contactless data exchange with maximum efficiency and bandwidth. Whoever wants to pass through the personnel hygiene station only needs a moment – 0.2 seconds are sufficient to look into the scanner and identify yourself. As soon as this has been completed, the integrated camera first ascertains the person's identity by comparing the facial recognition image. This process is claimed to be over 99 percent accurate. In parallel, a temperature scanner is used to contactlessly determine whether the body temperature lies below the fever threshold. If this is the case, a pulse is triggered by the potential-free contact to actuate an electric door opener or the optional turnstile, for instance. If the defined threshold value is exceeded, however, this leads to the denial of access to the building or a specific facility, and notification of this is documented.

The majority of facial recognition devices are no larger than a smartphone and can be installed without a great deal of effort. (Photo: © Mohn)

Checks that the protective mask is positioned correctly

At the same time, the Face Checkpoint Scanner can be used to register the areas to which the respective employee has access and whether wearing a face mask is mandatory to do so. The correct position of the protective mask is also checked in this process and can be indicated on a display. With a standard memory capacity of 50,000 persons, the Face Checkpoint Scanner offers a data capacity that meets all requirements even in the event of high fluctuation. The majority of facial recognition devices are no larger than a smartphone and can be installed without a great deal of construction effort. For instance, the Face Checkpoint Scanner Type FCP can be quickly mounted on a wall or positioned in the building using the optionally available hygiene rack.

Sensor hygiene station for main entrances

Installing a Face Checkpoint Type FCP-DFT-A dual-wing sensor hygiene station, which permits individuals to pass through quickly, is additionally recommended in the main entrances of buildings. The blocking elements consist of transparent acrylic glass. This is a motor-powered sensor hygiene station that is designed for operation in two directions and is even barrier-free. All of the functions of the Face Checkpoint Scanner FCP are also available here. "This type of personnel hygiene station should always be installed ahead of extended building access in order to offer additional security and speed up check-in at the same time", explains David Mohn. "Further access rights can literally be verified or rejected in passing", says the managing director of Mohn GmbH.

Retrofitting option for facial recognition

Under the designation FCP-HS, a retrofitting option for facial recognition combined with temperature measurement and mandatory mask check in the 'hygienic design' stainless steel housing is available for companies with secondary entrances such as delivery areas, what are called driver sluices, but also before or after production and social facilities, high care areas or slicer rooms, which are often already fitted with a personnel hygiene station. It is equipped with special tubing for fastening to hygiene stations.

The new system offers numerous advantages compared to the previous practice of gaining admission using a chip card. Constantly having a data carrier on your person is therefore consigned to the past, particularly as losing your right of access is not tied to a mobile medium. When an employee leaves the company, his or her right of access also expires. "This new technology marks an evolutionary step in security, is practical in every regard and is also implemented in the data protection regulations", says Mohn.

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