DISINFECTION
ENTRY SYSTEMS

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PROVIDING SECURE AND HYGIENIC ENTRANCE SOLUTIONS

Our solution categories;

1. Body Temperature / Mask Control with Hand Hygiene System
2. Body Temperature / Mask Control with Person Separation System
3. Turnstile Systems for Counting and Restricting People from overcrowding
4. Turnstile Placement Adhering to Social Distancing Guidelines
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The world is experiencing unprecedented times. Managing the risk of infectious disease is more important now than ever before.

All over the world, new concepts like "social distancing" and strict health and social measures have gone into effect, putting pressure on both our regular social lives and the global economy.

These measures are gradually being loosened to create a "new normal" for our social and professional lives.

Among these measures are monitoring body temperature, using masks, crowd control in public spaces, and ensuring hand hygiene.

To limit the risk of infection and flatten the curve as much as possible, we have created a counter-pandemic first line of defence at building entrances.

TANSA has created a new line of infection control and hygiene solutions to meet and surpass current measures and recommendations. These solutions ensure that both employees and visitors remain safe and healthy.

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Body Temperature / Mask Control

Hand Hygiene System

Hand Disinfectant Integration

This model is used to disinfect hands prior to entry through the turnstile. Even with authorization from the access control system, entry will be blocked in the case that disinfectant is not used. This way, every single individual that passes through will have to disinfect their hands. This model can be integrated with information screens.

- Turnstile top mounting legs
- Floor mounting legs

Body Temperature / Mask Use Monitoring Thermal Imaging Integration

This model is ideal for points of high foot traffic, monitoring body temperature and/or mask use independent of any access control system. If the desired conditions are not met during control, the model will not allow entry even with authorization from the access control system.

Places of Use: Business centers, universities and schools, and other public buildings.

For flexible use, we offer the option of floor plates that do not need require ground mounting for temporary installations.

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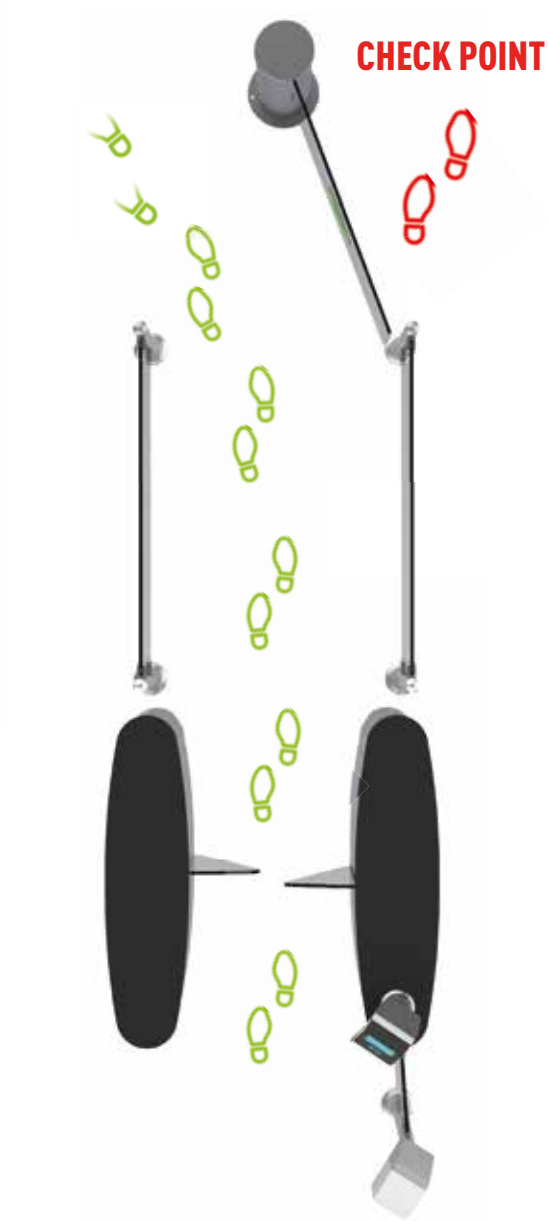
Body Temperature / Mask Control

Person Separation System



This model is ideal for points of high foot traffic, monitoring body temperature and/or mask use independent of any access control system before automatically guiding individuals to a second control point. At this second point, individuals approved for entry may pass through quickly with no waiting time.

This model can be integrated with all thermal imaging systems that have relay and alarm outputs. It can also be used for separating/classifying individuals. Rather than monitoring public spaces with thermal cameras, this model has a 100% guarantee of fast review of each individual using fewer staff.

Places of Use;
Airports, metro and train stations, ferryboat docks, corporate centers with high levels of foot traffic, universities and schools, hospitals, and other public buildings.

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Turnstile Systems for Counting and Restricting People

Single- or Double-Turnstile Counting System

This system ensures that the limited number of people in an entrance-exit location that uses a single turnstile is kept within pre-determined limits, without the need for any access control system. Entry and exit are enabled either with a single turnstile or with two turnstiles used separately at the same point at the exits. Thanks to the sensors, tricking the system is prevented by the turnstile's manual turning system. The number of people allowed to go through can be programmed.

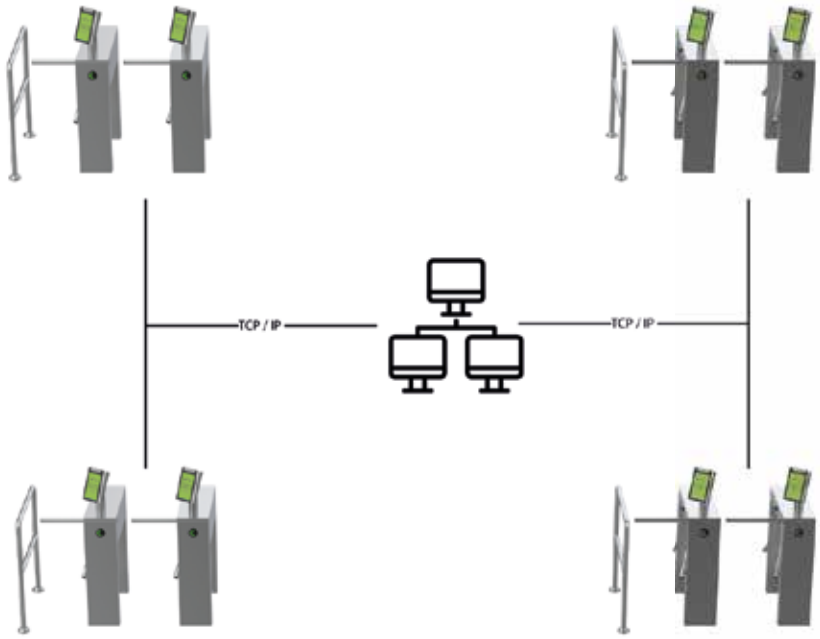
Example: If it is not allowed for more than 10 people to be in the toilets at the same time, the turnstile will block entry for the 11th person. This person will be given entry only when someone from inside the toilets exits. Individuals are guided thanks to an information screen.

Places of Use: toilets, markets, retail outlets.

Turnstile Counting System for Multiple Points of Entry

In places where there are multiple independent entrance-exit doors, this system ensures that the number of people inside remains within the specified limits. Entries and exits made from multiple turnstiles at the same point or at different points can be controlled through central software on the network. This system works independently of any access control system. At the points of entry, the information screens can be used to monitor the live number of people inside.

Places of Use: Shopping malls, markets with multiple points of entry.



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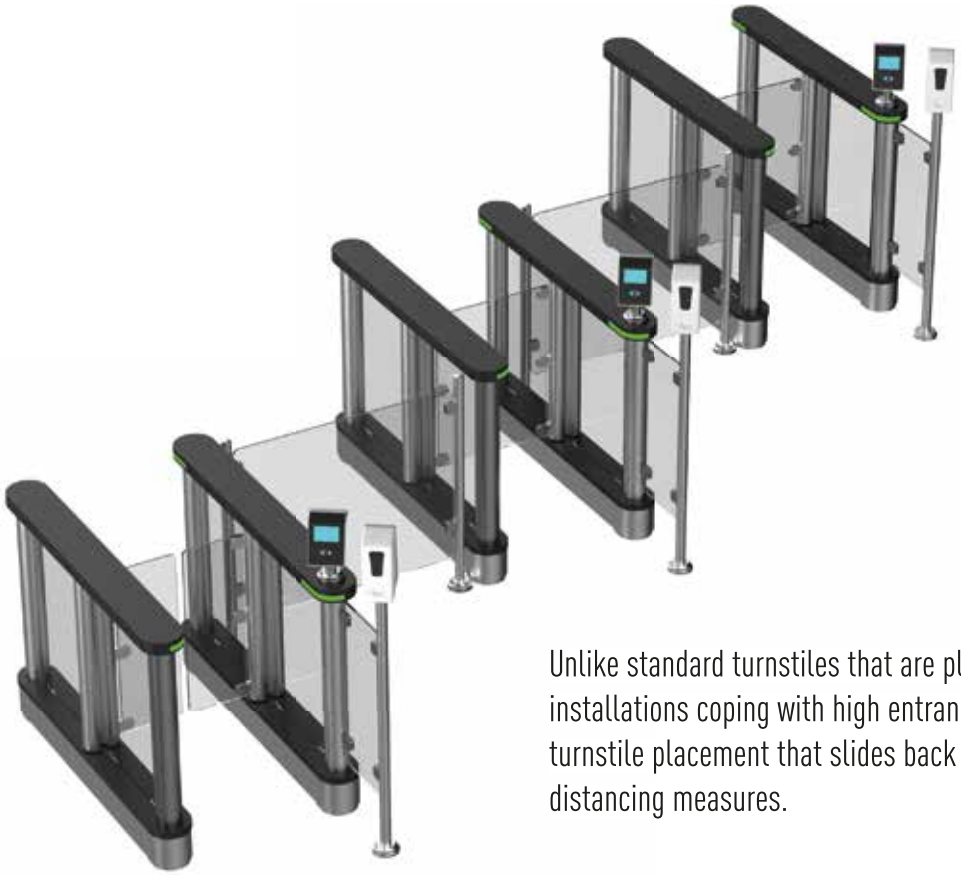
Turnstile Placement Adhering to Social Distancing Guidelines



Unlike standard turnstiles that are placed next to each other in turnstile installations coping with high entrance-exit foot traffic, we offer this model of turnstile placement that slides back and forth in order to preserve social distancing measures.

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Disinfection Entry Turnstile

LTF 2020 SG
LTF 2020 SF

A model that integrates a motor entry turnstile system with a disinfection system.

After obtaining entry confirmation from a controlled entry system or body temperature and mask control monitoring thermal imaging system, employees and visitors undergo disinfection and complete entry through an automatic, winged gate.

This can be integrated with all access control and thermal imaging systems.

The gate has tempered glass wings 10 mm thick that open outwards and close automatically after passage.

The duration of automatic closing is adjustable.

An anti-collision safety sensor and unauthorized entry warning system ensure high levels of security.

The full-height disinfection system consists of a disinfectant solution that is aerosolized into nano-droplets and administered by spraying. This results in the total disinfection of all the body surfaces of employees and visitors, ensuring the highest level of hygiene and contributing to the management of infectious diseases.

Special sensors detect an individual's height and allow only necessary nozzles to spray the solution.

This solution is water-based, poses no harmful effects on health, does not turn into moisture upon contact with clothing, and does not disturb individuals passing through.

The aerosolization system ensures that water and disinfectant consumption to a minimum. The disinfectant tank on the side makes the process of filling easy.

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Disinfection Entry Systems

LTS 2020 TL
LTS 2020 TS

The full-height disinfection system consists of a disinfectant solution that is aerosolized into nano-droplets and administered by spraying. This results in the total disinfection of all the body surfaces of employees and visitors, ensuring the highest level of hygiene and contributing to the management of infectious diseases.

Special sensors detect an individual's height and allow only necessary nozzles to spray the solution.

This solution is water-based, poses no harmful effects on health, does not turn into moisture upon contact with clothing, and does not disturb individuals passing through.

The aerosolization system ensures that water and disinfectant consumption to a minimum. The disinfectant tank on the side makes the process of filling easy.

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Disinfection Entry Booth Gate

LTF 2020 DB-S
LTF 2020 DB

A closed-cabin, full-height disinfection system that can be integrated with access control systems in locations that require high security and isolation.

Entry into the cabin is possible only with authorization from an access control system. As soon as the automatic entrance door closes, disinfection (according to type of model) begins. At the same time, thermal imaging systems can be integrated to monitor body temperature and mask use inside the cabin. A model is available which can initiate the disinfection procedure even in case of no detected risk following initial risk detection.

When the thermal imaging system detects a risky individual, this individual is discharged through a third automatic door on the side of the cabin without being disinfected and entry is blocked.

This model can be integrated with all access control and thermal imaging systems.

All the body surfaces of employees and visitors are disinfected, ensuring the highest level of hygiene and contributing to the management of infectious diseases.

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Disinfection Entry System

Sample Application

1- Inquiry of Entry Authorization: access control will be achieved through card or biometric readers on top of the turnstile along with thermal imaging systems that monitor body temperature and facial recognition devices that monitor mask use.

2- Assessment of Entry into Disinfection Cabin: after entry has been authorized, entry through the turnstile is completed and is followed by entry into the Disinfection System. Sensors on the surface detect that an individual has entered, determine their height and allow only necessary nozzles to spray the solution. During disinfection, the LED on top of the cabin alerts the next individual in line with a red "stop/wait" warning.

3- Disinfection: 360° disinfection of with no wet residue within seconds through 4-way aerosolization nozzles that spray the solution as individuals pass through.

4- Completing entry: once entry is complete, the LED on top of the cabin alerts the next individual in line that the disinfection cabin is ready by turning green. The duration of disinfection is 5 seconds/person.

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Disinfection Entry System Solutions

The disinfection system can be integrated with the following: different types of turnstiles; card and biometric access control systems; thermal imaging systems that monitor body temperature; and facial recognition devices that monitor mask use. This system can be integrated with different types of turnstiles according to density of passage, level of security, or architectural preferences.

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