

Video security
solutions

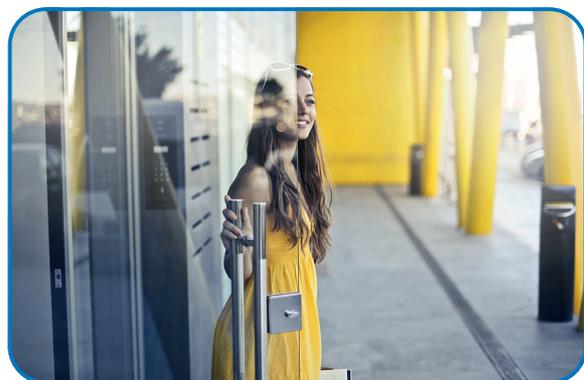


The People Counting solution by TruVision **Know the flow**



What is the People Counting solution ?

The **TruVision People Counting solution** provides **public safety** and comfort by counting the number of people who pass through the entrance and the exit of a site.



The **TruVision People Counting solution** gives the ability to monitor crowd density to prevent overcrowded locations. It gives visibility on the number of people present on a site, and it can show real-time occupancy so that resources are allocated accordingly.

It has many uses, based on the **type of business** and the **size of the site**.

Check out the suggested use cases at the end of this brochure to understand more.



What does it do ?



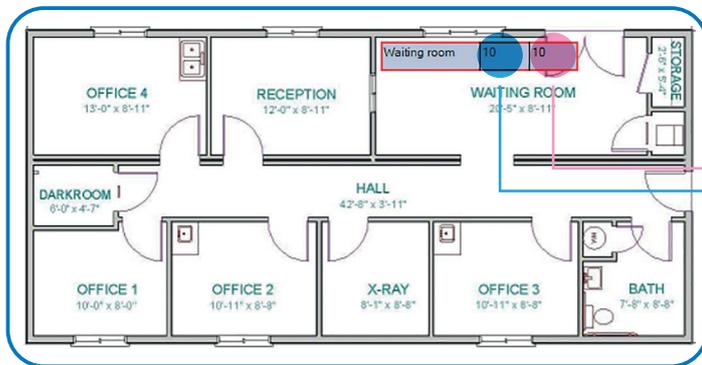
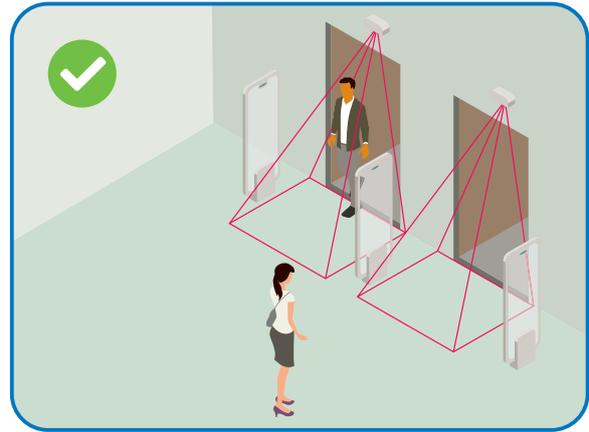
- It instantly shows you the number of people on site;
- It gives you numerous options to display the data in TruVision Navigator: in a tile, on a map, in a web browser via LAN, on a monitor through media player or on a mobile device!
- An alarm can be triggered when the defined number of people has been reached;
- This alarm can create an action such as door control, access control, traffic light control, PA system control;
- With TruVision Navigator, you can customize the display, configure the counting parameters, and you can benefit from multiple other possibilities based on your needs.

How does it work ?

1

Camera installation

The cameras are installed on the ceiling in the middle of the door, the lens covering the full width of the door.



2

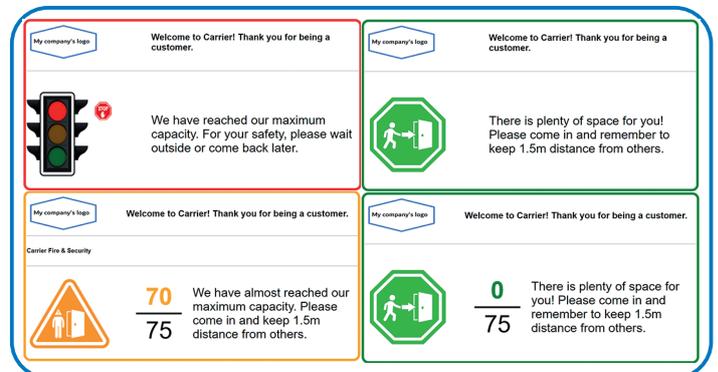
Real-time counting results on a map

A summary is shown on a map with the real-time occupancy (in blue) and the maximum permitted number of people per group (in pink).

3

Public information sharing and alarms

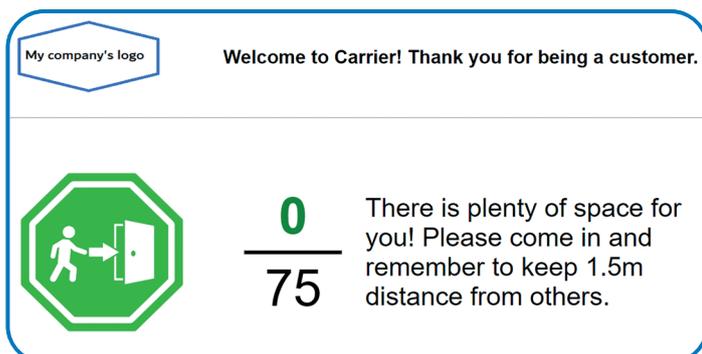
- The webpage can display real-time counting for a maximum of four selectable camera groups;
- The webpage content can be configured, for example to:
 - Add a company logo
 - Add a traffic light or a traffic sign display
 - Display or hide real-time counters
 - Customize text messages



4

Information for the operator

The operator can see the real-time counting result in a tile of TruVision Navigator Viewer.



How does it work with TruVision Navigator?

- TruVision Navigator is the Video Management Software integrating TruVision and IFS products;
 - With the People Counting solution, it calculates the site attendance based on in/out counters for one or more cameras;
 - It gives the possibility to **configure people counting parameters**, such as permitted people on site, initial counter, and alert number;
 - It shows **real-time counting result** on a site map, in a video tile of the software and/or on a webpage.
- ➔ **Operators and site visitors receive the information instantly!**



Why the People Counting solution?



The solution is...

Affordable

- The camera software, TruVision Navigator, is free – no licenses required
- Low cost of media player (Google Chromecast, Amazon Firestick)
- Cost effective camera solution

Easy

- Simple installation and configuration
- Respect of privacy
- Real-time display of the people count

The solution brings you ...

Efficiency

- Allows staff allocation management
- Enables saving cost on resources
- Can be linked to access control, door control, light indicators, PA systems

Safety

- Respect of social distancing based on the size of the site
- Monitors emergency evacuations by counting the people in/out

How to benefit from it ?

Example of application: social distancing

Ensure the safety of your visitors while respecting their privacy

Our laws regulate the collection of personal data. That's why the body temperature measurements have been avoided in some European countries. The People Counting solution is another option to respect the distancing measures by controlling the number of people inside a building or a room.



How?

By instantly displaying the number of people counted inside the premises (shop, corridor, floor etc.) to visitors, to the operators or at the entrance.



Make public announcements for your visitors on site

During a pandemic situation, the number of people that can enter a store, such as a supermarket, can be monitored. Customers on site have the possibility to know if the maximum capacity has been reached: first, to be aware that there could be people are waiting outside and to hurry accordingly, and second, to be more cautious and respect the 1.5 m distance when they move around.

How?

The staff is informed when the maximum number of people has been reached. The message can be displayed on a monitor, on mobile phones or via email, and an announcement via a PA system can be made in the store.

How to benefit from it ?

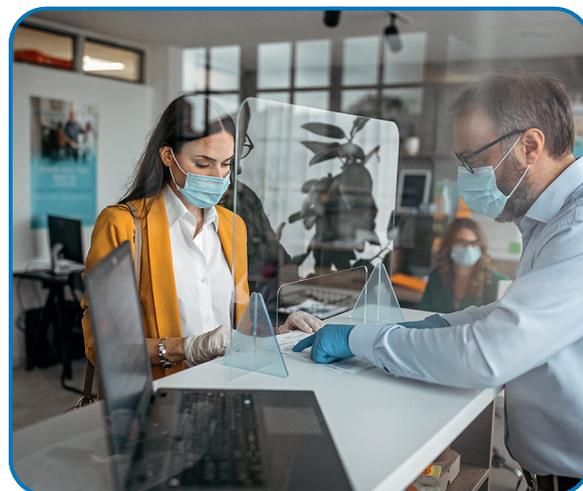
Example of application: resource management

Allocate your resources in the most efficient way

Adapt your resources to the crowd – live – thanks to the People Counting solution.

In locations such as supermarkets, administration buildings and customer support desks, the number of cashiers & counters available can vary according to the size of the crowd.

For example, a staff member is on a break or assigned to another task, the People Counting solution gives you the ability to re-allocate staff to assist customers where and when required.



How?

The personnel will be informed on their mobile phone about the counted number of people in the premises and act accordingly. They could get an e mail notification that the maximum capacity of the site has been reached.



Lifeguards in duty depending on the number of swimmers

In public swimming pools, some countries have regulations: lifeguards need to be allocated based on the number of people in the pool.

Count the number of people who enter the pool area and then determine the necessary number of lifeguards.

How?

By using the real-time counting information that is shown in TruVision Navigator, the management can identify the number of people who entered the swimming pool area and adapt the lifeguards on duty according to the determined rules.

How to benefit from it ?

Example of application : emergency situations

Fire alarm – how many people need to evacuate?*

If a fire alarm is triggered in crowded commercial premises (offices, malls, movie theaters...) and evacuation is requested, it is important to know how many people are present inside.

The People Counting solution can help the evacuation by showing real time occupancy information to the operator who informs the security services.

This is to support an error-proof evacuation and an instant rescue if people were left inside.

* Please note that it is the responsibility of the emergency services / business owners to make sure that the evacuation is complete. This is a use case example to illustrate a solution.



How?

By using the real-time counting information that is shown in TruVision Navigator.

Already have a TruVision video installation ?



It cannot be easier!

If TruVision cameras and TruVision Navigator are already in use, just add people counting cameras to obtain real-time count information of your site. It instantly works with the VMS, the only action needed is to purchase the People Counting cameras.



About Aritech

Aritech provides leading security and life-safety solutions for both commercial and residential applications covering intrusion, video, transmission and access. Offering some of the most-trusted product names in the industry, and backed by ongoing partner services and support, Aritech helps customers secure and protect what matters most. Aritech is a part of Carrier, a leading global provider of innovative HVAC, refrigeration, fire, security and building automation technologies.

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