

SOLUTIONS PEOPLE COUNTING AND CAPACITY CONTROL





During a global pandemic with capacity restrictions, it is vital to obtain information on the flow of people in companies and institutions. And beyond the pandemic, the Big Data era calls for customer flow data for business analysis.

VISIOTECH, a leading provider of security and surveillance products, offers solutions for people counting and capacity control adapted to different needs, from simple counting and capacity control to monitoring current and maximum occupancy on screens in real time.



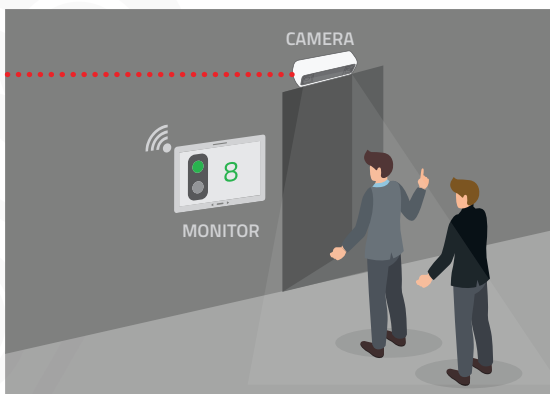
What is a people counter?

It is obtaining the number of ENTRIES and EXITS of people in a certain access, using a count trigger in the form of a line crossing or defined area, either virtual or physical.



What is capacity control?

It is the calculation of the people who occupy a room or premises at the same time, based on the count of people at the entrance to the specific place. This capacity can be limited by means of an automated control.



How does it work?



SAFIRELINK
SOFTWARE DE AFORO



HOTELS



SHOPPING MALLS



STORES



PHARMACIES



SUPERMARKETS



PUBLIC TRANSPORT

Dedicated people counting cameras, with 3D vision and high reliability - **98% Accuracy**
 Detection when crossing a line at the access, for multiple people. With height filter.



INDOOR USE



SF-IPCOUNT-Y0200

- RESOLUTION 1920x1080
- LENS 2 mm (Angle 104°)
- INSTALLATION HEIGHT/WIDTH 2.1/1.0 ~ 6.0/8.1 m
- AUDIO Integrated microphone for listening to the scene



OUTDOOR USE IP66



SF-IPCOUNT-EXT-Y0200

- RESOLUTION 1920x1080
- LENS 2 mm (Angle 104°)
- INSTALLATION HEIGHT/WIDTH 2.1/1.0 ~ 6.0/8.1 m
- AUDIO Integrated microphone for listening to the scene

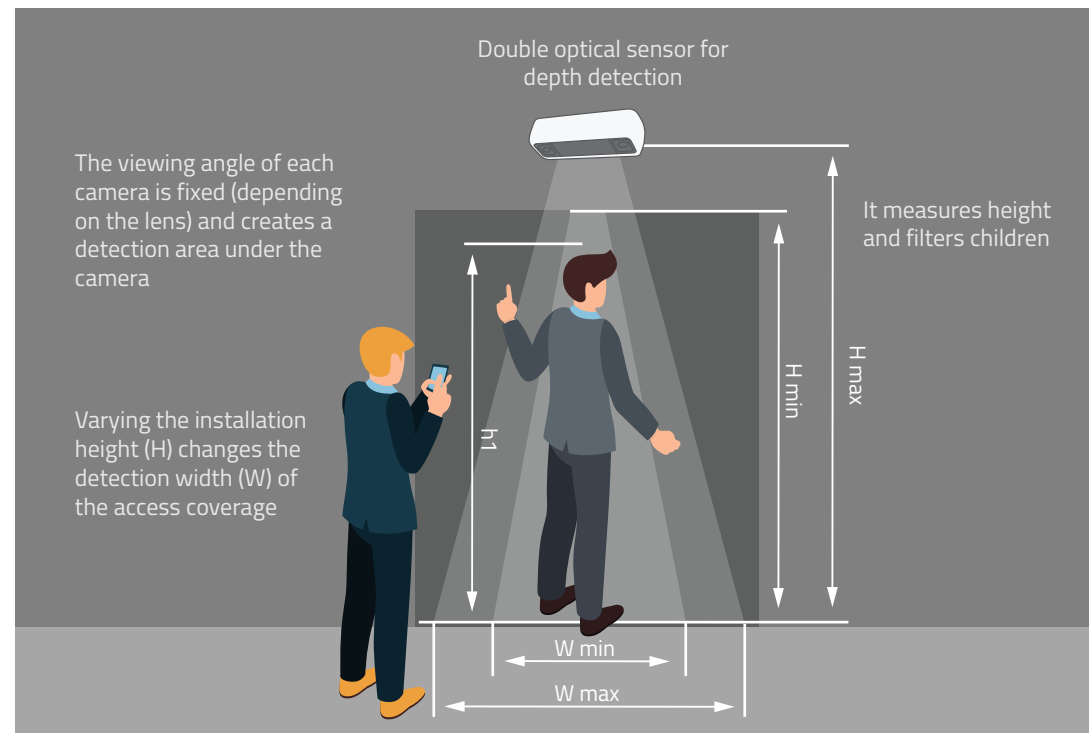


ON-BOARD VEHICLE USE



SF-IPCOUNT-M

- RESOLUTION 1920x1200
- LENS 2 mm (Angle 108°)
- INSTALLATION HEIGHT/WIDTH 1.9/0.55 ~ 2.4/1.93 m



FUNCTIONS

- ✓ Real-time counting of people entering and leaving
- ✓ Each count is recorded when it crosses a preset line in the configuration
- ✓ Intelligence to determine a person's full access
- ✓ Simultaneous counting of several people
- ✓ Continuous or hourly programming
- ✓ Operation of external equipment by relay (requires Safire Link)

Representation of the **DISPLAY** and **CONFIGURATION** of a camera

LOCAL
NETWORK
EVENT
PEOPLE

Enable People Counting

Rule > Arming Schedule > Linkage action

15/05/2020 thu 20:55:07

ENTRIES
EXITS
TRANSIT

DAILY
WEEKLY
YEARLY

ANALYSIS OF COUNTING DATA

SAFIRE CONTROL CENTER is a powerful and free software that allows the management of video surveillance devices, access control and time attendance from the same PC.

It incorporates functions for extracting counting data and displaying statistics from the counting devices and body temperature for analysis.



Specific software for capacity management, which allows combining the counting data of entries and exits of different cameras located in the accesses to obtain the calculation of capacity in rooms and relate it to the maximum allowed capacity. There are different packaged or customized versions from our development department.

PACKAGED SOFTWARE

Standard design and functions. It is supplied embedded in a mini Windows PC in different kit combinations.

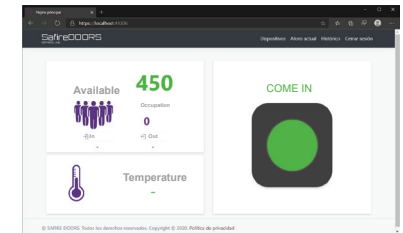
- **MULTIPLE VISUALIZATIONS** By web browser on any device in the same network, whether PC, mobile, tablet or Smart TV
- **INFORMATION** Real-time capacity management with access traffic lights according to the set maximum permitted capacity and history reports with the possibility of manual registration editing
- **ACTUACION** of external accessories when the capacity is exceeded (from a relay in each camera)
- **CUSTOMIZABLE** Logos, voice messages and on-screen lights can be customized by the user

SF-COUNT-LITE

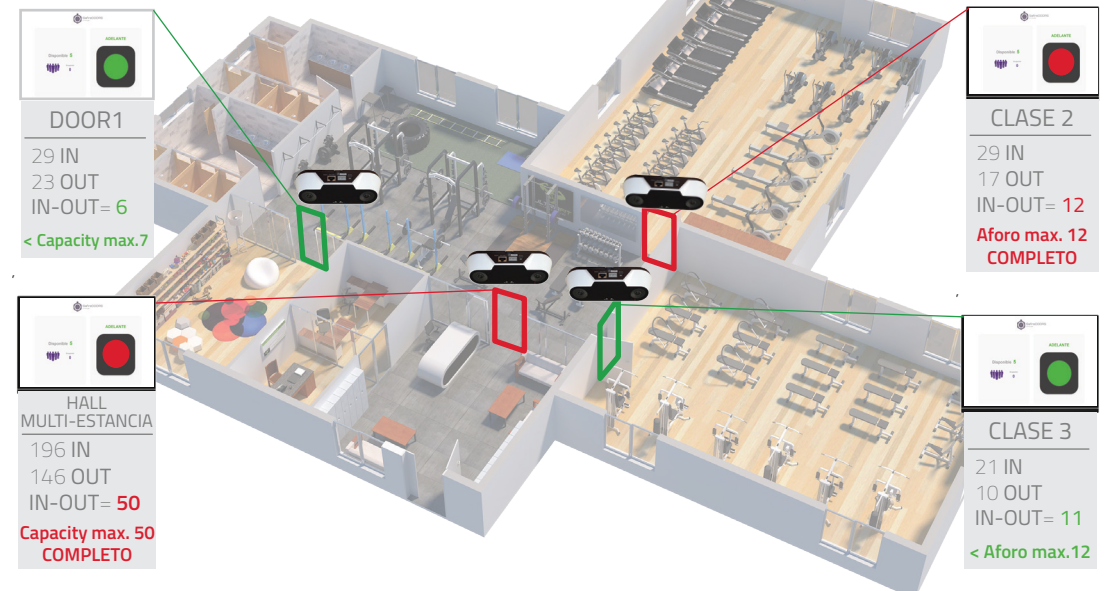
- **MULTI-CAMERA** Up to 20 cameras
- **CAPACITY** of one UNIQUE SITE

SF-COUNT-MULTIROOM

- **MULTI-CAMERA** Up to 100 cameras
- **CAPACITY** of one or VARIOUS ROOMS up to 20 rooms
- **MULTI-USER** Permissions and displays
- **FEVER DETECTION** Using Safire Thermographic Cameras

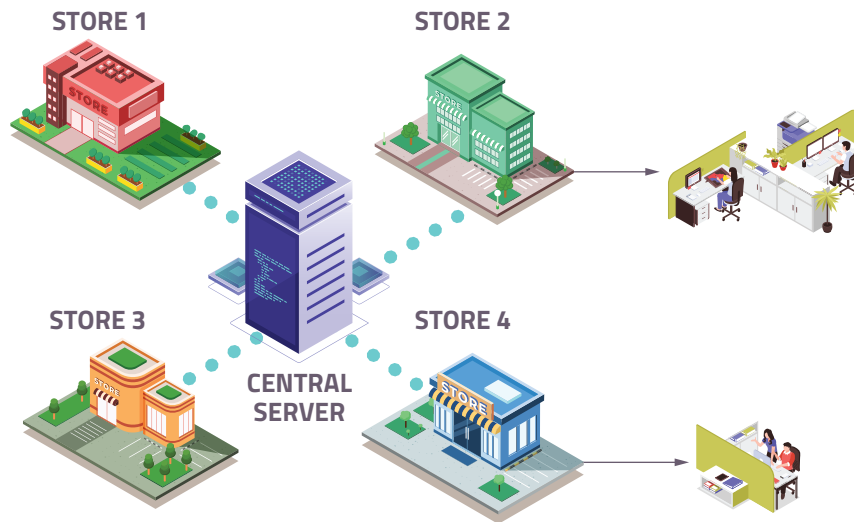


Capacity 21 max - 16 current = 5 AVAILABLE



CUSTOMIZED SOFTWARE

Customized study and design for functions according to the needs of the installation. Supplied with license for installation in the desired equipment and implementation.




SF-COUNT-MULTISITE

SF-COUNT MULTISITE ADDS THE FOLLOWING CUSTOM OPTIONS:

- CENTRALIZED Server mode for multiple locations and remote management points
- ADVANCED CUSTOMIZATION:
 - ✓ CUSTOMIZED CAPACITY DISPLAY SCREENS
 - ✓ PERSONALIZED CONTROL PANELS
 - ✓ REPORTS AND STATEMENTS ACCORDING TO THE NEEDS

Examples of **DISPLAY** and **CONFIGURATION** of capacity software from a web browser


Capacity Channel Capacity Historical Edition Edition Cameras

Camera

Table with the current state of the current chambers and capacity

Camera	Entry	Departure	Difference
TEST	1	1	0
ENTRADA 2	4	4	0
Current capacity			0

HISTORY

Table with recorded data.

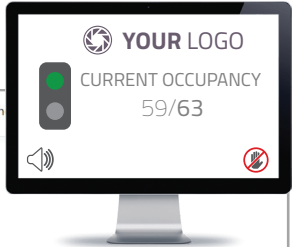
Start date

End date

[Filter](#) [Export](#)

Start	Final	Entry	Departure	Difference	Camera
03/06/2020 12:45	03/06/2020 12:50	0	0	0	ENTRADA 2
03/06/2020 12:40	03/06/2020 12:45	0	0	0	ENTRADA 2
03/06/2020 12:35	03/06/2020 12:40	0	0	0	ENTRADA 2
03/06/2020 12:30	03/06/2020 12:35	0	0	0	ENTRADA 2
03/06/2020 12:30	03/06/2020 12:45	0	0	0	TEST
03/06/2020 12:25	03/06/2020 12:30	0	0	0	ENTRADA 2

GLOBAL CAPACITY WEB VIEWER



CAPACITY PER CAMERA AND TOTAL

The Capacity Control systems require equipment independent of normal business use, to keep them safe from system crashes and improper access, so we offer closed-loop counting camera packages along with software installed and licensed on a mini-PC.



KIT-PEOPLECOUNT-1



- **INDOOR** people counting camera
- **SOFTWARE** SF-COUNT-LITE
- **PC EQUIPMENT** Mini-PC with software installed and licensed with HDMI output for monitor

KIT-PEOPLECOUNT-1PRO



- **INDOOR** people counting camera
- **SOFTWARE** SF-COUNT-MULTIROOM
- **PC EQUIPMENT** Mini-PC with software installed and licensed with HDMI output for monitor



KIT-PEOPLECOUNT-2

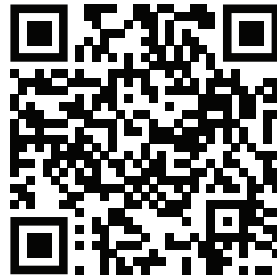


- **OUTDOOR** people counting camera
- **SOFTWARE** SF-COUNT-LITE
- **PC EQUIPMENT** Mini-PC with software installed and licensed with HDMI output for monitor

KIT-PEOPLECOUNT-2PRO



- **OUTDOOR** people counting camera
- **SOFTWARE** SF-COUNT-MULTIROOM
- **PC EQUIPMENT** Mini-PC with software installed and licensed with HDMI output for monitor



**SAFIRE KIT FOR CAPACITY CONTROL
UNBOXING AND DEMO**



**DOWNLOAD MANUAL
KIT-PEOPLECOUNT**

**SOLUTIONS
PEOPLE COUNTING
AND CAPACITY CONTROL**



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