

Real Time People Counting and Occupancy solution

dc-analytics Analytics offer a cloud-based solution for real time people counting. It utilizes advanced dc-analytics DC2-3D security cameras and Customer entries and exists are counted on multiple cameras for access to the same area. The combined values are displayed real time on status web-pages that are updated within seconds.

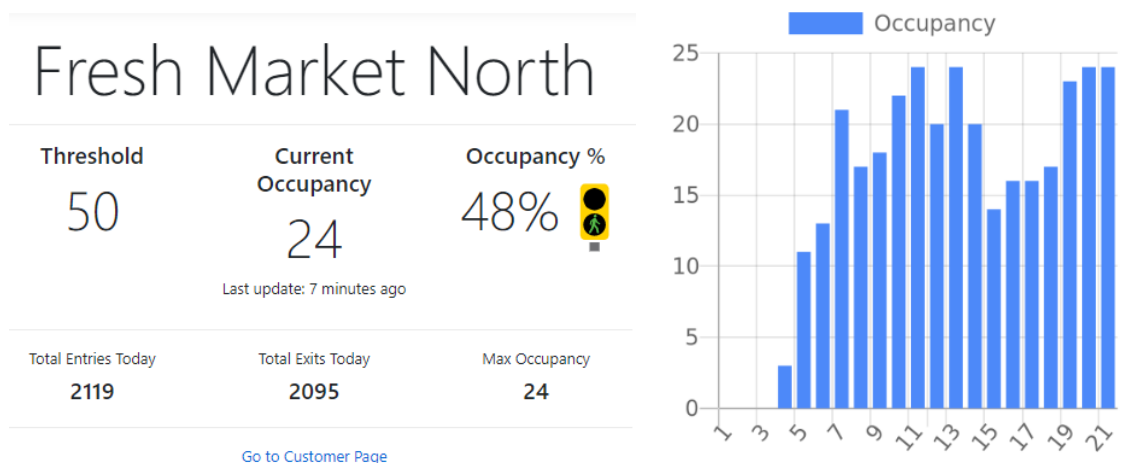
How does it work?

Cameras must be installed with specialized configuration that links cameras to subscriptions on dc analytics cloud. On the dc analytics cloud the cameras are named and associated to groups (up to 12 cameras). For each group a configurable occupancy threshold can be configured and the group has an associated "welcome screen". If the occupancy is below the threshold a green welcome screen is displayed. If above the threshold then the welcome screen is red displaying a wait message. Messages can be customized. The counting is restarted every day at midnight.



On the back office dashboard the shop manager can keep track of current occupancy level, current welcome screen and see statistics of occupancy for the day. Besides for the real time people counting the solutions provide traditional aggregated historic people counting statistics.

No counting camera is 100% accurate in a real world scenario. Therefore, the back office dashboard allows manual correction of occupancy. The manager can either reset the occupancy to zero or add or subtract a correction based on actual observations.



How much does it cost?

The solution requires a dc-analytics DC2-2D camera and DCA-RT license for each camera. The licenses are invoiced annually. The solution requires monitors/computers/tablets in order to show the information pages in the back office and at shop entrance.

Requirements

The solution is cloud based and requires a stable Internet connection with outgoing HTTP/HTTPS/SSL allowed (no port forwarding required). A minimum installation height of 250cm is required for accurate counting.

Security and Stability

The solutions do not need other local hardware than the camera and a PC or tablet to show the customer welcome page and back office dashboard. The functionality is built based on a serverless architecture provided by Microsoft Azure Cloud.

Part numbers

<i>DC2-3D</i>	DC Analytics 2-sensor 3D people counting kamera med DCA Cloud connection.
<i>DCA-RT</i>	DC Analytics real time count report for Dc-analytics device. Pr. camera pr. year.



Q&A:

Q: Which languages are available for dc analytics real time counting?

A: The main language is English but the welcome screen messages can be configured individually in any language in the back-office dashboard.