Customer Flow Management Solution

Regulation-compliant

Reduces the risk of infection
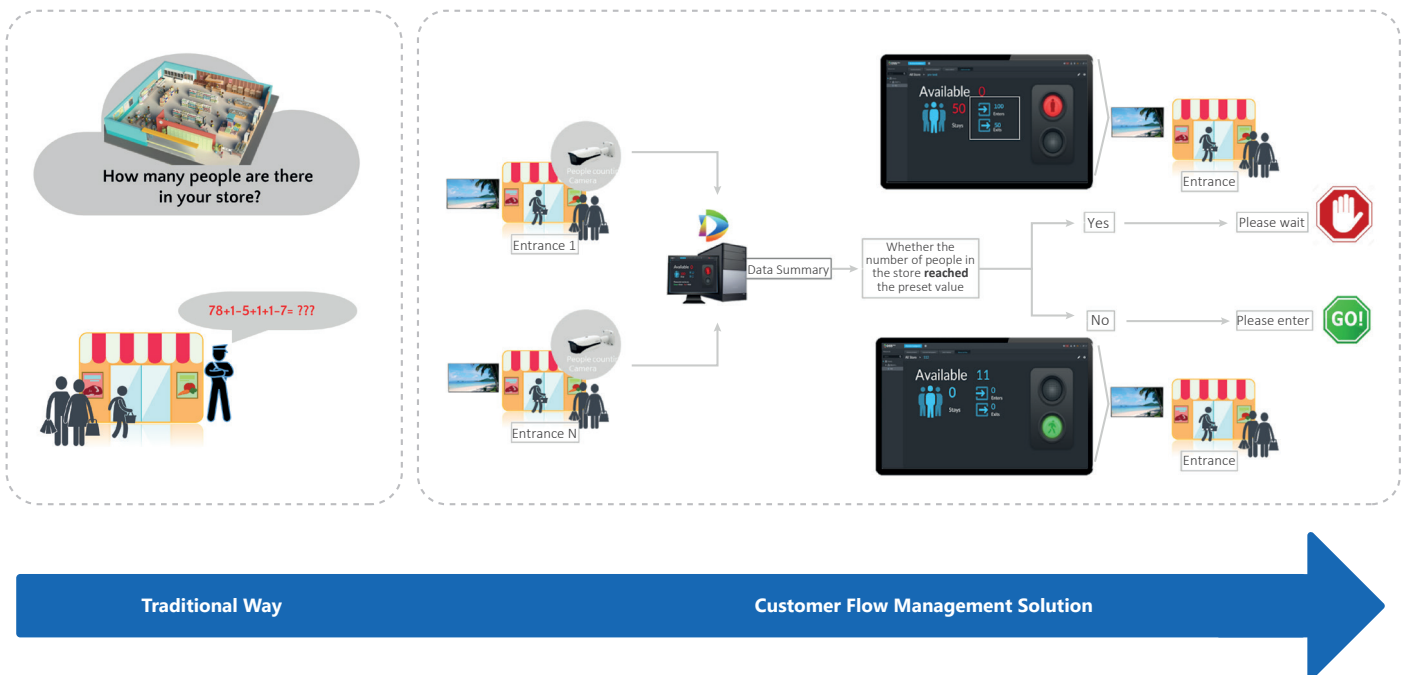
High Accuracy

Real-time Alarm

Flexible and easy to deploy

Overview

The UK and Ireland have introduced various measures to constrain and manage the epidemiological emergency of COVID-19. Many public places, such as banks and retailers including supermarkets and grocery stores, have introduced restrictions on customer flow.

The solution introduced by Dahua perfectly resolves the problem of "how to control in-store traffic in certain numbers" for retail outlets.

The solution can detect how many people are present in the targeted area and display the figure in real-time. If the capacity is reached, the system's display indicates that no more people should enter.

Traditional Way

Customer Flow Management Solution

Solution Values

Regulation-compliant

Helps to comply with the latest government regulations to limit the number of shoppers.

Reduces the risk of infection

By strictly limiting the number of shoppers, the risk of infection can be reduced for customers and staff.

High Accuracy

People counting accuracy ≥ **98%.**

Real-time Alarm

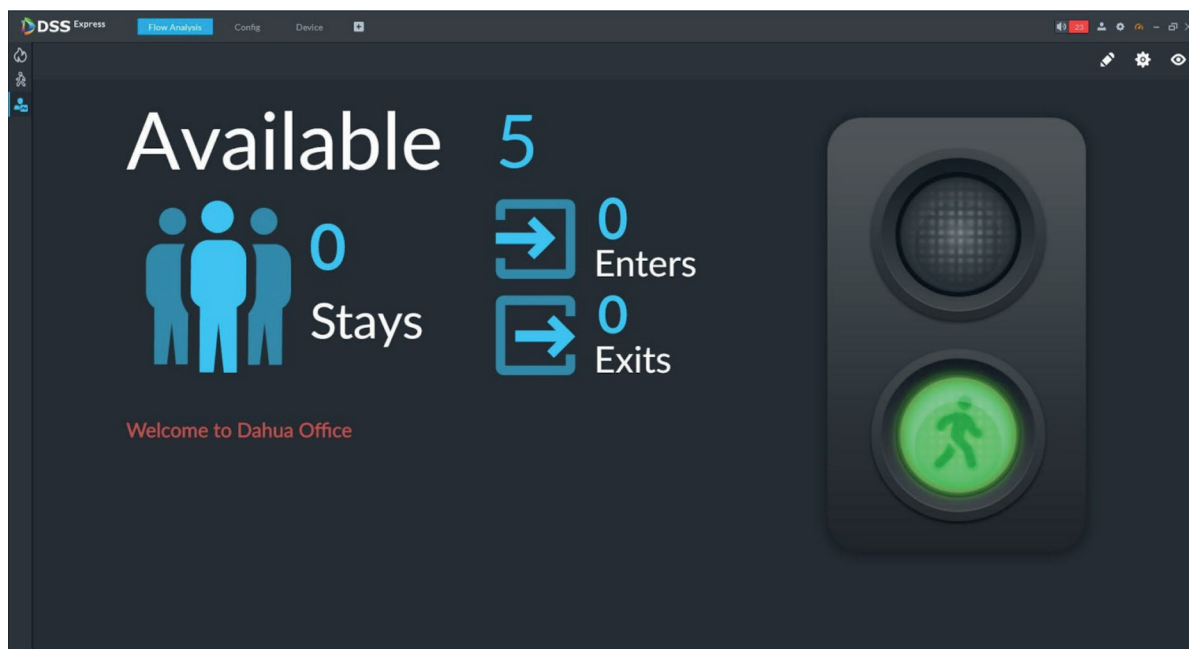Stops customers from entering when the preset value is exceeded.

Flexible and easy to deploy

Easy to install and operate.

VMS – DSS Express

Dahua's DSS Express is an easy-to-use and reliable VMS for single-server installation, which can meet the core requirements of video surveillance in small and mid-sized projects. The Flow Analysis Module can manage multiple entrances/exits and display the available/occupied number, based on which different indicates will be showed to customers.
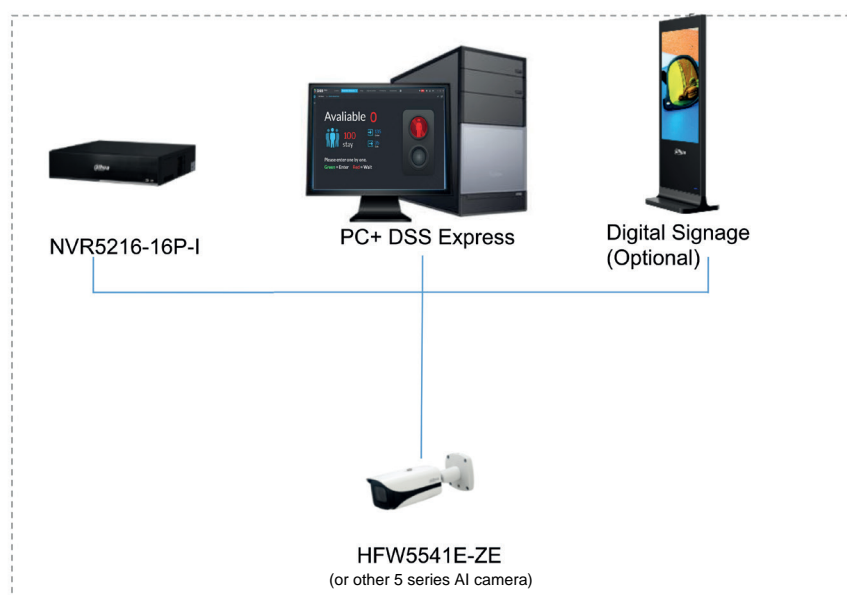

Topology:

The DSS solution provides two ways of deployment, based on the number of entrances/exits.
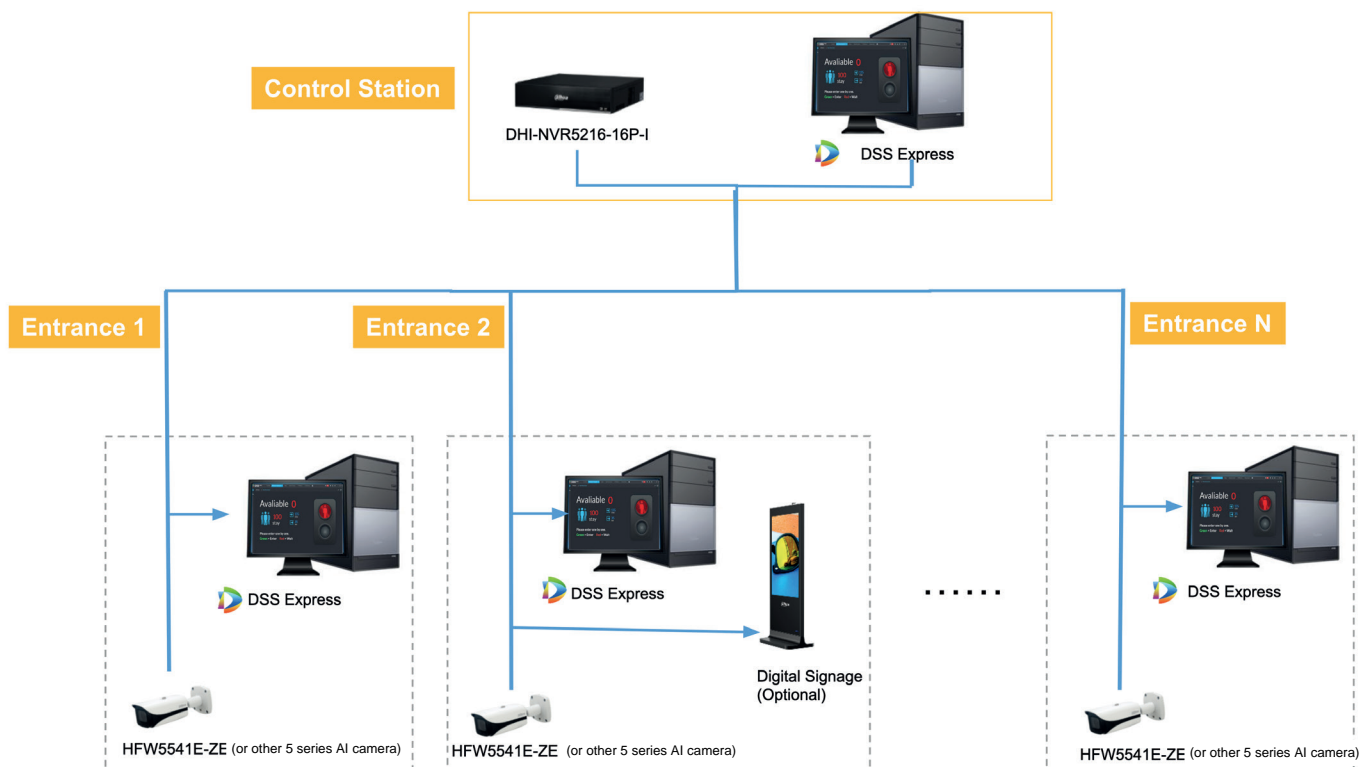
Topology 1: **Single Entrance/Exit**

PC+ DSS Express

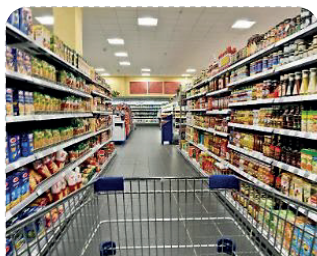HFW5541E-ZE
(or other 5 series AI camera)

Economic solution

NVR5216-16P-I   PC+ DSS Express   Digital Signage (Optional)

HFW5541E-ZE
(or other 5 series AI camera)

Professional solution

Topology:

Topology 2: **Multiple entrances/exits**

Control Station

DHI-NVR5216-16P-I

DSS Express

Entrance 1

Entrance 2

Entrance N

DSS Express

DSS Express

DSS Express

Digital Signage
(Optional)

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HFW5541E-ZE (or other 5 series AI camera)

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Applications

Supermarket

Food Store & Grocery Store

Pharmacy

Government Agency

Bank

Post Office

Driving Innovation to an AIoT Future