Customer Flow Management Solution

- Regulation Compliant
  Helps premises comply with social distancing rules.

- Reduces the Risk of Infection
  Limiting people flow reduces cross contamination risk.

- High Accuracy
  Market-leading accuracy of >98% using AI technology.

- Real-time Alarm
  Alarm when preset value exceeded.

- Flexible and Easy to Deploy
  Rapid installation and flexible deployment.
Overview

The UK and Ireland have introduced various measures to constrain and manage the emergency of COVID-19. To address the challenge of social distancing many public places are implementing restrictions on customer flow. This includes locations such as supermarkets and retail banks.

The solution by Dahua perfectly resolves the problem of "how to accurately and efficiently control customer flow in a premises."

The solution detects 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 immediately indicates no more people should enter.

| Solution Values |

- **Regulation Compliant**
  Helps to comply with the latest government regulations on social distancing limiting numbers of individuals in a premises.

- **Reduces the risk of infection**
  Strictly limiting the number of shoppers reduces the risk of infection spread for customers and staff.

- **High Accuracy**
  Using AI the solution has market leading accuracy of >98%.

- **Real-time Alarm**
  A real time alarm is triggered when the number of customers or staff exceed a preset value.

- **Flexible and easy to deploy**
  Rapid installation and flexible deployment.
### 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 indicators 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**

- **Entry Level Solution**
  - PC + DSS Express
  - HFW5541E-ZE (or other 5 series AI camera)

- **Standard Solution**
  - NVR5216-16P-I
  - PC + DSS Express
  - Digital Signage (Optional)
  - HFW5541E-ZE (or other 5 series AI camera)
Topology:

Topology 2: Multiple entrances/exits

Applications

- Supermarket
- Retail
- Pharmacy
- Public Buildings
- Bank
- Post Office
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