

Adding Security and Communication to an Office Building



THE SCENARIO

A small office building located in center of the city faced frequent intrusions by suspicious individuals, and the building owner was considering improving security measures in conjunction with building renovations. Despite having an audio entrance intercom and access control installed at the street-facing entrance, it was inadequate. The system relied solely on audio communication, which sometimes led to tenants remotely unlocking the door without verifying visitors, or suspicious individuals sometimes gaining unauthorized access to the building by piggybacking on visitors. The owner considered strengthening the security system to ensure that remote door unlocking is possible after the visitor's face is verified, not only through audio conversation.

Furthermore, the owner aimed to enhance security by installing entrance intercoms and access controls at three specific locations: the main entrance, entrance hall, and each floor. However, the owner also recognized that improving security might potentially sacrifice accessibility. Therefore, the owner wanted to ensure that visitors could easily use the intercom system despite the additional security measures.

Additionally, the owner was concerned that when a visitor called the room station in the office, their voice could be heard by others in the office, potentially disrupting their work and revealing the visitor's identity. Consequently, the owner desired to ensure that only the person who responded to the call could hear the visitor's voice, thus safeguarding privacy and minimizing disruptions in the office.

Building owner selected a flexible IP intercom system to provide enhanced security and simple operation.

THE SOLUTION

The building owner selected an IP video intercom system. The entrance intercom station featured a camera, allowing tenants to visually and audibly verify visitors and remotely unlock the door. This enabled tenants to assess the identity of visitors and their surroundings, making it easier to spot suspicious individuals. Furthermore, in case a suspicious individual managed to enter through the street entrance, the entrance hall intercom served as an additional screening measure.

To simplify visitor communication at both the entrance and the entrance hall, a simply press of the individual call button on the entrance station allowed visitors to call the office.

The handset was equipped on the room station, the staff communicated with a visitor through a handset when a visitor called from the entrance. This ensured that a visitor's voice wouldn't be overheard by others, maintaining privacy and confidentiality.

In addition, the Intercom App installed onto a smartphone allowed tenants to answer a call from the entrance station anywhere inside or outside of the office.



AIPHONE SOLUTION SHOWCASE

Entrance / Entrance Hall



Entrance station made it easy for visitors to request access and easier for tenants to enter with their identifications.

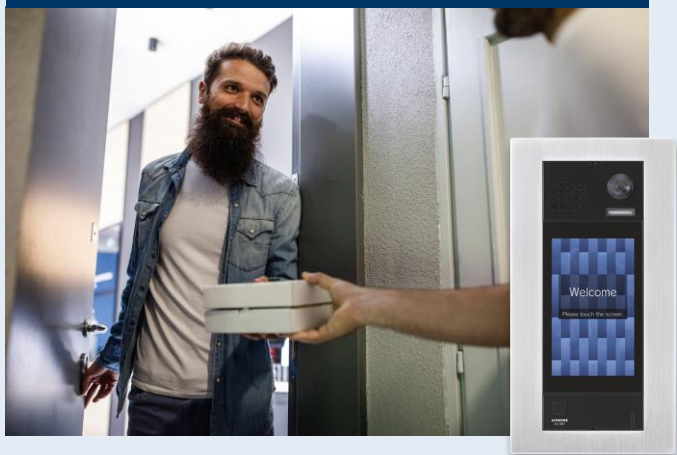
Office



THE BENEFITS

- Tenants could screen visitors before letting anyone enter the building, keeping everyone's work environment safer
- Full key call button provided simple operation to visitor, just press a call button
- An original welcome screen design like company name and logo could be displayed on touchscreen entrance station, and easy to replace a design
- Smartphone with intercom app could reply a call from the entrance station at anywhere

Office Entrance

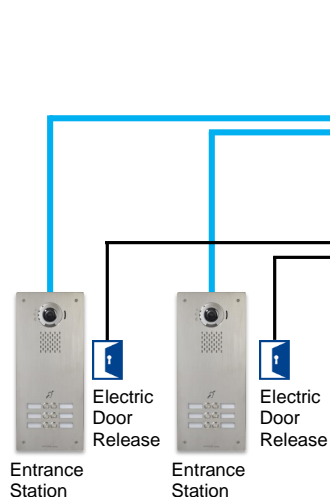


System configuration Example

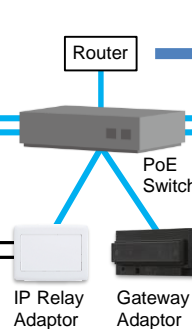
IP Video Intercom System

-  IP Video Entrance station with 6 call buttons
Made by AIPHONE SAS
IX-DVF-6L
-  IP Video Entrance station with touchscreen
IXG-DM7
-  IP Video Master station
IX-MV7-HW
-  Gateway Adaptor
IXGW-GW
-  IP Relay Adaptor
IXW-MA

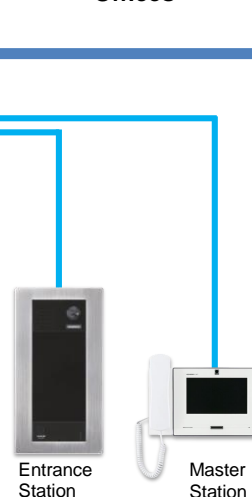
Entrance / Entrance hall



Computer room



Office entrances / Offices



Outside

