

HKTV Mall - Office Building Access Control Management Case Study



Project Description

Project site: Tseung Kwan O (Hong Kong)

Hong Kong Television Network Limited (HKTV) is a Hong Kong television station. HKTV provides an over-the-top shopping and entertainment platform named HKTV Mall. It aims to provide a variety of programmes to cater and entertain customers, and commenced broadcasting on 19 November 2014 through live broadcasting and video on demand.

HKTV Mall is a one-stop online shopping platform of Hong Kong Television Network Limited ("HKTV"), with over 500 overseas & local brands and stores, and beyond 6,000,000 products including direct Japan & Korea imported fashion and accessories, food and grocery, beauty & health, household & lifestyle, electronics, baby & kid, etc., it aims to serve every aspect of customers' daily lives.

Project Requirements

The construction work of the E-commerce Distribution Centre of HKTV with over 31,000 sq. metres area commenced in 2015, including a 6-level building and a single level building. They have appointed ZKTeco HK as their access control solution provider. Here below are their major requirements.

All-in-one Security Platform

HKTV desired to have a high level security covering all areas of its E-commerce Distribution Centre. However, as a premise for e-commerce operation, there are multiple floors and a wide surface area with complex and rapid logistics and distribution processes. If a plenty of access control systems are deployed separately in different areas, the difficulty of personnel management would be severely increased. Thus, a completely all-in-one access control system instead of installing different systems are their needs in order to conveniently and centrally manage the entire site anytime and anywhere.

Specific Permission and Duration of Access

Due to the nature of the projected site, it involves a lot of logistics process, clients' goods and their personal information including contacts and delivery address are stored, HKTV also required that they would be able to flexibly set different permissions and durations of access according to the actual needs. Some levels with confidential information or storage are only open to a group of permitted staffs in a certain duration.

Access Control Report

A scale enterprise as HKTV is, they have a well-established management method. Thus, they required an access control system that is able to automatically generate access control reports with detailed information including names, locations and access status etc.

End User: Hong Kong Television Network Limited (HKTV)

Configurations

System	Device Name	Device Model
Access Control	Access Control Panel	InBioPro260
	Access Control Panel	InBioPro260
	Card Reader	ProID20BM
	Card Reader	ProID30BM

Technical Features/Solution

- The applied access control solution involves 20 units of InBioPro460 access control panels, 35 units of InBioPro260 access control panels, 55 units of ProID20BM card reader and 45 units of ProID30BM card reader. They are deployed in all accesses in the buildings, including the existing swing barriers installed by our client, they are embedded with ZKTeco's controllers to form a complete access control system.
- All staffs or any other person who needs to have entry to the buildings are required to be issued cards for access. Guests are also given cards upon successful visitor registrations.
- All access control panels and readers of the buildings are connected to and are centrally managed by the ZKBioSecurity access control software. This web-based security platform enables central remote control of access and real-time remote monitoring of all access control status.
- Management staffs are able to make specific permissions for certain levels in specific timeslots with different verification methods. For example, a certain group of staffs are permitted to have access to a certain floor in a specific timeslot with their cards. They are allowed to have access to the floor anytime if they have successful password verification.

Function Description

- ZKBioSecurity is an access control system management platform based on the browser/server architecture. Users can access and log in to the platform directly from browsers and view the verification conditions of all connected devices in real time on the browsers. Automatic generation of access reports are also available.
- ZKBioSecurity is an all-in-one web-based security platform developed by ZKTeco. The version applied in this project is an 3.0.3 ver. with superb security functions such as HTTPS encrypted communication, doors emergency lockdown, up to 66 bits flexible card format, personnel multi-card support, smart data analysis and the latest add on - the Patrol Module - to efficiently manage security guards patrol tours using the existing access control readers, reducing costs and ensuring patrol tasks.

