

Jade Residential Complex



CASE STUDY

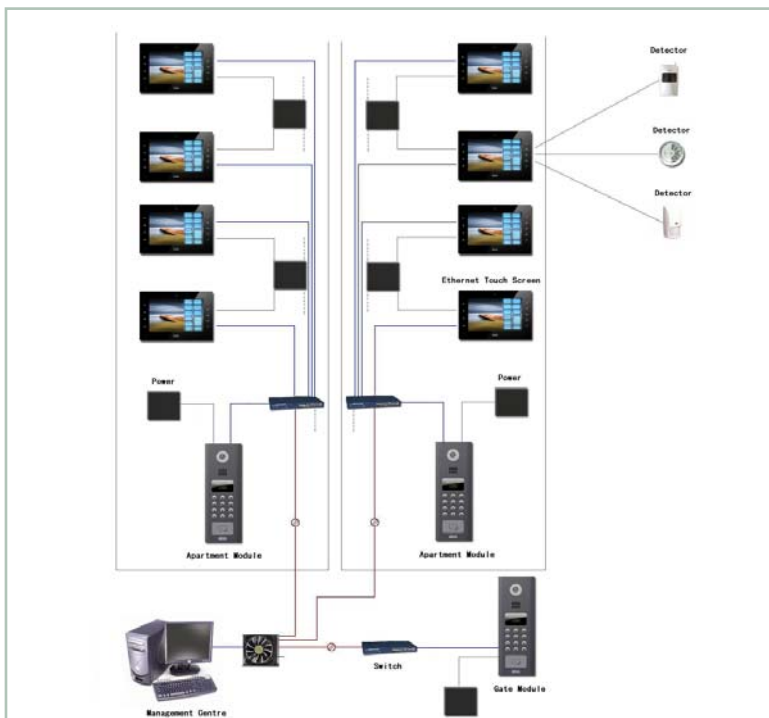
IRIS Lifestyle home automation products deliver superior levels of style and quality to the Jade residential complex.

Challenge

The Jade residential complex occupies a total site area 93 hectares with an aggregate of 15 million square meters of residential space. The construction involves 85 apartment buildings and villas, underground car park, gym, supermarket, school, kindergarten and other facilities. In 2008, its property developer, GreenTown Group, adopted the MOX IRIS home automation solution to provide a secure, convenient and luxurious lifestyle to the 8,876 homes in the Jade residential complex.

Solution

MOX Building Intelligence successfully applied the MOX-IRIS TCP/IP Ethernet building intelligence system and realized the multiple channels of communications for the entire Jade residential complex. MOX-IRIS TCP/IP Ethernet is the combination of the leading edge distribution control technology, Internet communication technology and wireless mobile communication technology. This system originates from the video phone product range with additional home intelligence concept and functions.



Modes of Operation

Ability for any display to control any related door lock

TCP/IP Ethernet operation

Interface to the loNix controller

Door bell operation to notify residents

Integration with Graphical Interface

Location Identification

Video access via web interface



Intelligent touch screens matching the existing décor and slimline crystal switches draw together the security, lighting, media, utilities and climate control needs.

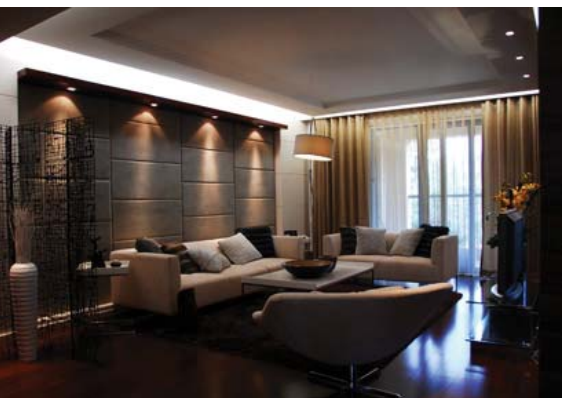


All touch screen cases are made from ABS plastic, which is tough and color-fast. The screens operate using high resolution Liquid Crystal Display technology. LED lights are installed with the camera for reliable night illumination. All solutions use smart technology adopted from the MOX Products' range of industrial devices. This gives a higher degree of reliability and flexibility to allow variation in the solution design to suit any style of installation.

System Features

The MOX IRIS system applied at the Jade residential complex has the following key features:

- Ultra-slim main body, stylish design
- Hand free operation
- Page and communicate with any occupant in the community or management center
- Multi-release methods, including password, swipe card or combination
- LED lighting installed around the camera for reliable night operation
- Adjustable monitor zone and angle
- Display images and messages together
- Polyphonic ring tone and display background options
- Adjustable ring tone and talk volume with mute function
- Key-press with confirmation tone
- Automatic power-saving mode: the display screen will be shut down automatically when it is inactive for 60s
- Back lit key-board for use at night
- IP address inquiry
- Analog/ digital code exchange and distribution
- Electric isolation and protection
- Picture mode: PAL/ NTSC
- Lightning strike protection
- Industrial-standard case, fire resistant and electromagnetic shielding



Benefits

The advanced MOX IRIS Prestige access control and system management solutions successfully deliver superior levels of sophistication and quality to the Jade residential complex. Since commissioning, the system has fulfilled all the initial requirements set by the client and has enabled additional functionalities not previously specified.

