



IP Residential Communication System

A modern, two-story house with a large wooden deck and a lush garden. The house has a mix of grey and cream-colored siding. Large glass windows and doors provide a view into the interior, which includes a living room with a brown sofa and a television. The deck is furnished with two lounge chairs and small tables. The garden is filled with various plants, including tall grasses and shrubs, and a body of water is visible in the background.

THE PROBLEM

Security is the most prominent concern for residences regarding the protection of the home, family members and personal belongings. Living in close proximity to other residents, either within a high rise building or sprawling estate can heighten these concerns thus increasing the importance for an effective communication and security management system.

THE SOLUTION

Protect the home from intruders and extreme situations with solutions such as IP video intercom terminals and monitor stations with the ability to integrate to C-Bus home automation control systems, fire stair and lift IP intercom solutions and assimilation with third party security devices. Jacques has tailored packages specific for apartments, housing estates and private housing to ensure maximum safety and security. Additionally, as each home is different, IP audio and video intercom systems can be customised to meet specific individual requirements to further enable harmonious living. Residents can feel assured that loved ones and personal belongings are safe and secure with Jacques IP audio and video intercom system.

APARTMENTS & HOUSING ESTATES

Jacques offers comprehensive IP video and/or audio intercom systems for residential living that provides a stylish, easy to use system which can enhance the comfort and peace of mind for residents. The communications system provides IP video intercom terminals and monitor stations which feature high resolution video, exceptional audio quality and seamless integration to a number of lifestyle automation systems including C-Bus. Additionally Jacques can offer IP lift and fire stair audio intercom systems all offering system integration via High Level Interface to building and security management systems.

With easy to use touch screen IP video intercom monitor station in individual apartments, residents can feel safe through simple communication via audio and video to front gates and doors. These monitor stations can activate gate and door relay's to provide visitor access to building entrances, car parks or lifts.

IP lift intercoms and fire stair intercoms are vital in ensuring maximum communication and security for all residents residing in a high rise building. There is no longer any need to panic or fear when the dreaded experience of getting stuck in a lift becomes reality, the lift intercom allows any person in the lift to communication to the security desk or emergency response personnel.

In a situation of a person becoming trapped in the fire stairs, during or after business hours, an intercom terminal located at each floor's fire door allows contact with the security office or the call could be transferred to an external phone line in which to request access to the floor. The communications system then allows the building's security staff to open any fire door through remote access, monitor the stairwell via CCTV

and communicate to the person via the intercom terminals or the public address (PA) system.

Jacques IP audio and video intercom system also possesses the ability to integrate with other building management systems, security management systems, CCTV and access control systems. This results in heightened security for residents, staff and visitors at all times by being able to monitor and cater for almost any situation. For example, should an incident occur, video and audio recording facilitated by the system can provide critical information to authorities or access can be provided to buildings and/or car parks after hours.

PRIVATE HOUSING

Home owners can feel reassured, safe and connected with the added security of Jacques comprehensive IP video intercom system. Protecting family members, pets and personal belongings whilst living a hassle-free lifestyle, can be as simple as installing Jacques' stylish and easy to use communications systems within the home.

Residence can relax with a touch screen IP video intercom system with the option of integration to smart home automation systems such as C-BUS. A Jacques lifestyle automation system ensures complete yet simple control of your atmosphere, environment, entertainment options, voice communications and security monitoring. Lifestyle automation integration can be used to easily control any type of electrical service such as a lighting circuit or air conditioning from the intercom monitor station. Every home is different therefore Jacques IP audio intercom systems can be customised to meet specific requirements to ensure seamless integration and harmonious living.



**JELinux is the operating
system at the core
of the Jacques IP
Communication System**

CASE STUDY - CUTTERS LANDING, BRISBANE QLD

This residential oasis/Cutters Landing blends elements of the historic CSR Sugar Refinery with contemporary urban design to provide luxury residences; over 200 apartments, 4 private villas and a range of resident and community amenities in the trendy inner city suburb of New Farm, overlooking the Brisbane River. Spread across four residential cores, the Jacques IP video intercom system control is centralised allowing the individual body corporates the flexibility to expand system features as required in the future.

Currently each apartment building entrance features a Jacques video entrance station with keypad allowing for visitors to call the relevant apartment number within that core. Residents are able to view the entrance station caller, grant them access to the building and notify the lift of the predefined and permitted floor all from their video monitor station. The luxury villas have their own keypad entrance station at their private entrances, each calling the in-villa video monitor station

whereby the resident can grant gate access or the entrant can utilise the keypad to enter a pin number to open the gate.

In the near future, the site will upgrade to the newest version of Jacques video intercom system software and add additional features to the system. These include the ability for the facilities manager to send each, all or any apartment a text message notification. This allows for the easy dissemination of information to residents such as maintenance notices or security warnings. Furthermore, during the upgrade, each apartment monitor station will receive the missed call image snapshot (if a call is unanswered) feature. The missed call message will include an image of the caller and the time and date of the call. Centralised control allows for car park entrance intercoms to be added easily in the future, allow calling to any apartment in the complex rather than those defined by each individual building.

CASE STUDY - TENNYSON REACH, BRISBANE QLD

This residential precinct/Tennyson Reach residential precinct features three apartment buildings located on a picturesque stretch of the Brisbane River. These luxury apartments featuring generous balconies enjoy extensive views over the riverfront parkland, extending all the way to Mt Coot-tha. For this project Jacques IP video intercom solution replaced an existing and failing analogue intercom system. The site was recabled with Cat 5 in order to facilitate the Jacques IP communication system.

Jacques supplied IP video monitor stations for each of the 77 apartments spread across the three buildings. Each building features a Jacques IP video entrance station with keypad allowing for visitors to dial an apartment number within that building to communicate

and gain access. Residents are able to view and converse with visitors on their video monitor station during which they can activate the on-screen door release to grant their visitor access to the building. Upon access, the visitor can then proceed to the lift lobby where the system has already predefined the floor level permission associated with the entrance-approving video monitor station. At this site, each of the buildings operates independently of each other. Each building contains their own system controller facilitating the control and permissions between the video monitor stations within the apartments, the door entrance station and the lift access and control permissions.



*Luxury appartments located
on a picturesque stretch of
the Brisbane River.*



MALAYSIAN RESIDENTIAL CASE STUDIES

EAST LEDANG

More than a residential gated community, East Ledang is Nusajaya's Premier Freehold Residential Address, boasting 31 gardens and numerous waterways all secured, patrolled and monitored. The luxury villas epitomise style and opulence. They feature contemporary architecture, plunge pools and quality fixtures and fittings.

For this project Jacques, partnered with Globeway Communications Sdn Bhd, supplied our IP video intercom system featuring stylish touchscreen monitor stations for 488 villas. Additionally six keypad entrance stations have been installed at access points within the grounds. Persons wishing to enter are required to dial the villa they wish to visit, and communicate via the video intercom system to the resident who can permit access.

Within the security control precinct a Jacques PC master station with residential graphical user interface is used to make and receive intercom calls, and PA announcements to the monitor stations located in the villas and to the park entrance stations. Additionally, the user can send villas text message notifications straight to their monitor stations. This is a useful feature to provide information on site maintenance, security advice or any community notices.

PUTERI HARBOUR

Puteri Harbour is the southernmost marina and waterfront development within the Nusajaya City. With a variety of high quality designed residential properties, this development will also provide the community with an eclectic mix of commercial establishments. This urban village aims to suit a diverse mix of people, offering infrastructure to suit different lifestyles, budgets and age groups. From modest studio apartments through to premium penthouses with waterfront or garden views, Puteri Harbour aims to cater for varying incomes, tastes and needs. To further foster a community atmosphere, this development includes living necessities and indulgences such as entertainment units, shopping outlets, restaurants and a promenade overlooking the marina, all of which enriches the neighbourhood and supports a social environment.

In the residential section, Jacques has provided IP video monitor stations to 248 units and two additional

video entrance station intercoms. This allows residents to manage visitor access via audio communication to the visitor at entrance gate while being able to visual monitor through the entrance intercom or a nearby CCTV camera. Furthermore, if the resident is unable to answer a call, a snapshot of the caller will be taken via the entrance station camera, and made available on the video monitor station to notify the resident. Jacques has also provided a PC master station which allows reception to send text messages to residents via the video monitor stations, make and answer intercom calls and broadcast public address announcements.

Additionally, the commercial area of this development has been provided with 19 dual calling Help Point Unit (HPU) intercoms and an audio master station. The HPUs provide residents, staff and visitors with information and assistance with the simple push of a button. The intercoms allow for a recorded audio message to be played when the information button is pressed and will connect a call to centre management or emergency services when the emergency button is pressed. Furthermore, management is able to broadcast public address announcements to the HPU's via the master station as well as answer intercom calls. Ultimately, the Jacques IP Communication System provides critical safety and security for residents, staff and visitors while comprehensively ensuring the entire Puteri Harbour community is connected.

This 550,000 acre development is aiming to offer an epicentre for enriched lifestyle through integrated infrastructure and transportation, security, safety and convenience. Jacques is honoured to be involved in this ambitious project, our contribution aims to help deliver this experience and provide an overall enhanced quality of life within the Nusajaya city.



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