IP Public Safety Communication System

Whitepaper and Project References
THE PROBLEM

People visit, gather or transit through public spaces worldwide, every day. Large groups of people or a lone individual walking, at night through a public park, require easy access to help if required. Similarly organisations, responsible for public safety, need trouble-free mass communication options providing message distribution to large and busy crowds in the case of an emergency.
THE SOLUTION

The Jacques Public Spaces IP Communication System provides communities and organisations with a security solution that offers reliable and integrated help, emergency assistance and information dissemination. The system features easy-to-operate intercom that allows callers direct voice and/or video connection to a central control location providing help or assistance. Users can also access location, transport or tourism services via the Help Point Unit’s information calling button. The Jacques Public Spaces IP Communication System featuring public address, has the capability of broadcasting live or pre-recorded messages, tones or warning alerts across public spaces – this feature is vitally important in public safety environments especially during emergency situations.

PARKS

Jacques’ communication system can ensure the public are confident and assured knowing there is safety and security nearby when within park environments. Our communication system offers public address, intercom, help and information points together with integration to third party devices such as CCTV, access control and building and security management systems.

With an innovative and stylish design, Jacques Help Point Units (HPU’s) located strategically within parks offer an identifiable calling station to the public, ensuring easy access to help and assistance when required. Tourists and new park-goers need not feel lost with easy access to help and information points which provide public information as well as calling to security if required. Intercom terminals can allow access to secured areas such as locked bathrooms and communication to security personnel access is required.

Information dissemination across a park for the broadcast of a security announcement, evacuation or public safety announcement is hassle-free using Jacques’ IP public address system. Live or pre-recorded announcements set to broadcast on certain days or times can provide this information, clearly to a select number or all PA zones, ensuring the message is heard by park-goers.

Security is further enhanced with integration into third party systems such as CCTV, access control and building and security management systems. From a remote or central location, security is able to visually monitor the park area to address any incident before it becomes a problem as well as ensure overall safety of the public. Access control can ensure access to secured areas for authorised individuals as well as provide protection against trespassers.

SHOPPING CENTRES

The use of a Jacques IP intercom and public address (PA) system within a shopping centre environment provides centre management with the tools to manage one to one communication and mass communication within the one platform.

A Shopping Centre PA system offers a message, music dissemination and broadcasting platform that is flexible, expandable, and easy to use while providing excellent audio quality. Operating via an IP network allows for complete flexibility of system use including dynamic grouping of PA zones, with no limit on the number of groups or the number of zones within a group. This allows centre management to easily broadcast live or pre-recorded public address announcements to all or specific public address zones.

The Jacques Announcement Scheduler software manages the delivery of pre-recorded and time-scheduled announcements and tones to required zones. This is beneficial to centre management as the PA system can automatically make a pre-recorded announcement outside of normal business hours. For example, the closure of a car park late at night following the closure of the movie cinema.

A Jacques communications system further ensures the safety of all individuals within a shopping centre, during and after hours, through the ability to integrate communication with ticket booth intercoms, boom gate intercoms and car park help point units to a central security control offering help, assistance and advice.
CAR PARKS

Car parking facilities, especially those open at all hours, provide easy and quick parking but can potentially be a security risk for drivers returning, alone to their cars at night. To ensure safety and security for individuals and property an effective communication system providing access to immediate assistance is imperative.

Jacques IP communication system features help point units, public address and intercom stations installed in ticketing machines, boom gate bollards and other specific points throughout the car park. Car park users can feel safe walking to their cars at night and assured that if they’ve accidentally locked their keys in the car or have issues with ticketing; there will always be quick and easy access to help and assistance. Bright orange and with an anti-graffiti coating, these HPUs are easily identifiable and require little maintenance, making them ideal for car parks. Furthermore, with integration to CCTV, third party cameras can be directed to focus on a particular HPU once the call button has been pressed. This allows authorities to monitor the situation via the third party CCTV system, whilst communicating with the caller.

The communications package provides added security through complete integration with building and security management, CCTV, access control and ticketing machines. This allows car park management to address issues after hours from remote locations and visually monitor the car park for any potential threats or incidences.

Jacques communications system assures car park customers can feel satisfied knowing their cars and possessions are secure, instant help is available on request and access to and from the car park will never be delayed as a result of that driver who has lost their ticket.
Jacques is proud to have completed many national and international public safety projects.

PROJECT REFERENCES

- Adelaide Shopping Centre (AU)
- BCC Community Gardens (AU)
- Casey Central Shopping Centre (AU)
- City Safe, Queen Street Mall (AU)
- Coles Head Office (AU)
- Dubai Mall (UAE)
- East Ledang (MYS)
- Frankston Aquatic Center (AU)
- Goodwill Bridge (AU)
- Kawana Shopping Centre (AU)
- Kings Park (AU)
- Kurilpa Bridge Brisbane (AU)
- Liverpool Catholic Club (AU)
- Melbourne Convention Centre (AU)
- National Gallery of Victoria (AU)
- Riverwalk (AU)
- Robelle Domain (AU)
- Roma Street Parklands (AU)
- Southbank Parklands (AU)
- Taronga Zoo (AU)