

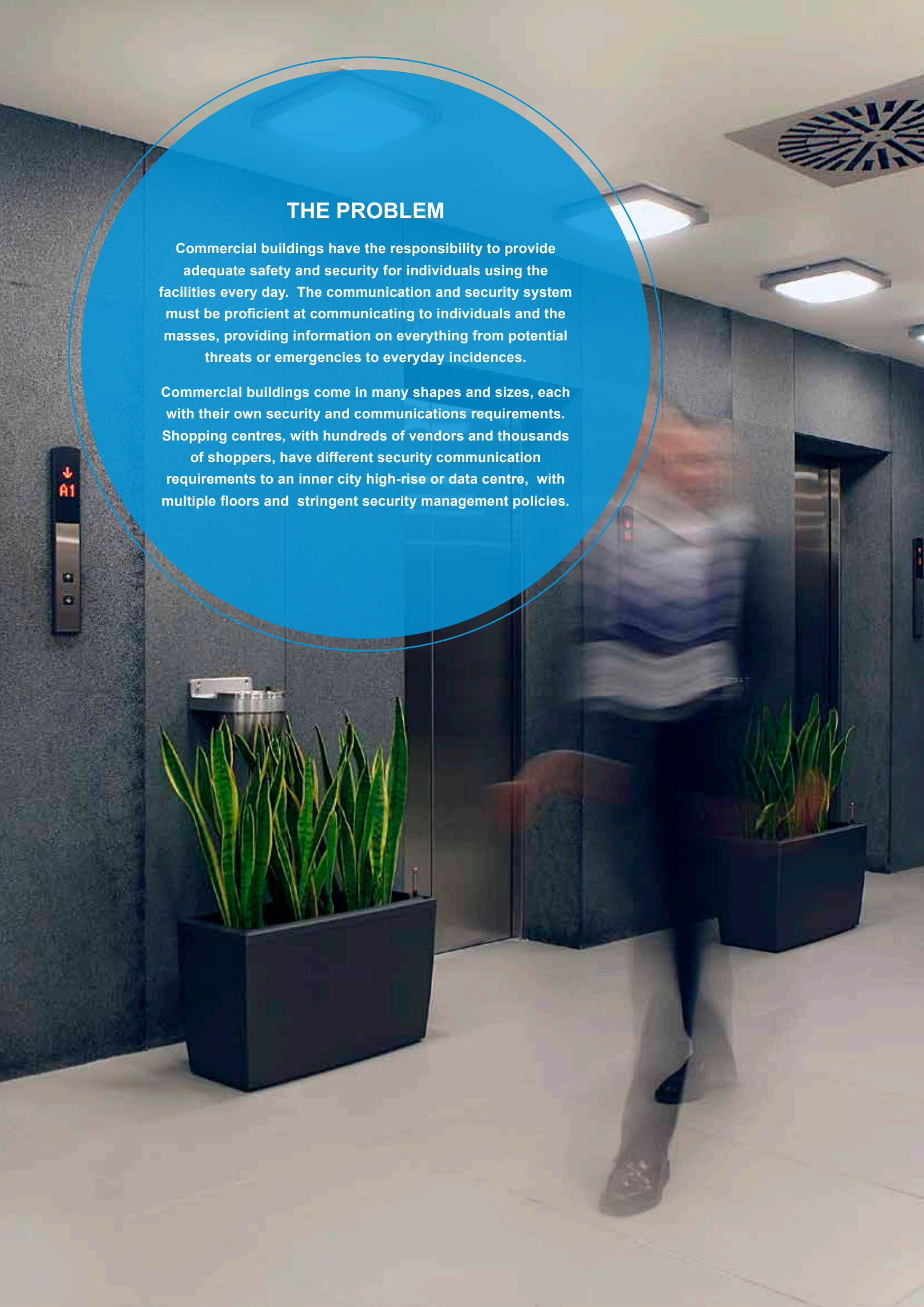


## IP Commercial Communication System

## THE PROBLEM

Commercial buildings have the responsibility to provide adequate safety and security for individuals using the facilities every day. The communication and security system must be proficient at communicating to individuals and the masses, providing information on everything from potential threats or emergencies to everyday incidences.

Commercial buildings come in many shapes and sizes, each with their own security and communications requirements. Shopping centres, with hundreds of vendors and thousands of shoppers, have different security communication requirements to an inner city high-rise or data centre, with multiple floors and stringent security management policies.



## THE SOLUTION

Jacques offers a comprehensive IP communications system which includes our IP audio and video intercom (including fire stair and lift intercom) and public address system, that seamlessly interfaces with third party systems such as access control, CCTV, building management and security systems to provide commercial premises a complete security and communication solution. Management of commercial buildings can greater protect assets and ensure the safety all individuals within the complex with Jacques' convenient, user-friendly and comprehensive IP intercom and public address system.

### COMMERCIAL BUILDINGS

Commercial buildings accommodate for large amounts of human traffic everyday consisting of office workers, tenants, facility management staff and visitors attending meetings, going to work or visiting colleagues.

Most people may never consider the emergency procedures of the building or the safe locations to meet in the case of an emergency, therefore highlighting the need for a building IP intercom and PA communication system. Furthermore, with the increased awareness of potential security threats, it is crucial for commercial buildings to operate a consistent, discreet and completely integrated safety and security system in order to maintain everyday safety and security in emergency situations.

Jacques' IP communication system is ideal for commercial building's security management as it provides integration with security and building management systems, access control and CCTV systems. Buildings can successfully manage the protection of patrons and property by communication through an unlimited number of audio and/or video intercom terminals, including those located in lifts and fire stairs as well as a multi zone public address system capable of broadcasting to all, multiple or select areas of the building easily and reliably.

The Jacques IP communication system is suitable for lifts and elevators. An intercom terminal located within the lift provides communication from within the lift

car to security or emergency services. Together with integration to third party CCTV, access control and building and security management systems, ensures those making an intercom call from a lift are responded to appropriately.

Fire stairs are a critical aspect in ensuring the safety and security of all people within the building in situations ranging from extreme emergencies where rapid exit is essential, to monitoring any visitors or potential intruders entering the building. In a situation of a person becoming trapped in the fire stairs, during or after business hours, a single button 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) 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 integrated CCTV and communicate to the person via the intercom terminal.

In order to reach every person within a building, to notify of an evacuation warning or security announcement, broadcasting through an integrated public address system is beneficial and reliable.

Our systems offer limitless possibilities in regards to meeting the needs of commercial buildings and sites with specific requirements all the while ensuring reliability and certainty for the safety, protection and security of personnel and assets.



Jacques provides centre management with the tools to manage mass communication within the one platform.

## 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.

## DATA CENTRES

Data centres are becoming increasingly important as we live in an ever-increasing online era. As such, online data must be protected. Jacques IP communication system helps in providing a high level of security and protection of data information. Often data centres require a solution to provide redundancy across the communication system. Jacques offers a redundancy solution which ensures continual, uncompromised system operation. In the case of a module, hardware or software failure, a secondary controller will automatically activate and connect with the endpoints to ensure continuous system operation.

Jacques video intercom system installed at data centres ensures calls made at building entrances or logistics boom gates provide a video feed of the caller to central control who have the ability to grant the caller access if granted.

Data centres require a solution which would help protect important data and information while keeping employees safe. As the site expands; so can the intercom system. Jacques communication systems are flexible and scalable ensuring system longevity.



Jacques is proud to have completed many national and international commercial projects.

## PROJECT REFERENCES

- Adelaide Convention Center (AU)
- ADNEC Project (UAE)
- Altona Mobil (AU)
- ANZ Data Center (NZ)
- Bank of Thailand (THA)
- Barangaroo (AU)
- Belmore Disaster Recovery Center (AU)
- Boral Berrimah (AU)
- Box Hill ATO (AU)
- Burj Khalifa (UAE)
- Centerlink Head Office (AU)
- Chunghwa Telecom (TWN)
- Coles Car Park HQ (AU)
- Department of Immigration & Citizenship, Cairns (AU)
- Dubai Chamber of Commerce & Industry (UAE)
- Dubai Mall (UAE)
- Equinix Melbourne (AU)
- Frankston Aquatic Center (AU)
- Gold & Silver Towers (UAE)
- Ipswich City Council (AU)
- Maroochydore Government Building (AU)
- Melbourne Markets (AU)
- Minda Complex (AU)
- Movie World (AU)
- National Library (NZ)
- Pacific Fair Shopping Center (AU)
- Polaris Data Center (AU)
- Port of Melbourne Corporation (AU)
- PNBS National Banknote Site (AU)
- Puteri Harbour (MYS)
- Queensland Multicultural Center (AU)
- Reserve Bank of NZ (NZ)
- Robina Town Center Shopping Center (AU)
- SAPOL Headquarters (AU)
- Singapore High Commission (SIN)
- Sydney Harbour Foreshore (AU)
- Taronga Zoo (AU)
- Telstra Data Center (AU)
- Wesfield Miranda (AU)
- Westfield East Garden (AU)
- Westpac (AU)
- World Trade Center, Bangalore (IND)



p | +61 7 3846 8400  
e | sales@jacques.com.au  
www | jacques.com.au

