

Royal Prince Alfred Hospital

Situation

Royal Prince Alfred Hospital is a major metropolitan tertiary referral hospital and a principal provider of a comprehensive range of clinical services. Formed in 1882, the hospital is a major teaching facility of the University of Sydney and remains one of the nation's most respected hospitals. Royal Prince Alfred Hospital has come a long way since it opened as a 146-bed hospital. Over 125 years later, it has more than 700 beds, a staff of over 4,000 and provides the largest number of in-patient treatments in the state, almost 500,000 out-patient treatments, 45,000 adult and paediatric emergency department patients and delivers 4,000 babies each year. RPA treats more public patients than any other hospital in the state.



Task

The Hospital required a security and access control system that would not only meet their immediate requirements, but also be flexible enough to grow and adapt with future expansion while supporting the latest technologies as the electronic security & access control industry also developed. In addition to this the hospital required a system that would deliver ongoing reliable operation in a complex mission critical environment, providing a high level of security for its staff, patients, visitor and its critical research labs & medical storage facilities.



Action

The Inner Range system was selected for RPA as its flexible modular design is well suited to the application and Inner Range's commitment to cutting edge development ensured that the system would remain at the forefront of security technology. Now scaling to more than 400 access controlled doors the site incorporates 12 Inner Range Concept Control Modules, 100 Intelligent 4 Door Access Modules, 1 and 2 Door Access Modules and zone expander modules for intruder detection in critical areas. LAN isolators and fibre modems provide the backbone for the vast system LAN which is distributed across multiple floors and buildings. Additional software modules enable the activation of hard-wired and wireless duress buttons to send messages to pagers.

The IR system also controls several critical lifts including the lift to the helicopter landing pad and the emergency lift.



Results

The Inner Range Concept system has now been in service at RPA for over ten years. As RPA has continued to grow the Hospital is secure in the knowledge that they have invested in a powerful and reliable security solution that is capable of growing with it. From the original single campus installation to the now multiple campus network the Inner Range system has not only demonstrated its ability to provide reliable 24/7 access control & security but has also scaled to accommodate the hospitals ever changing requirements.

