STENTOFON

CASE STUDY

Project
Radiology and Theatre Intercom Upgrade

Client
The Royal Melbourne Hospital

Location
Melbourne, Victoria

Date completed
April - June 2011

Equipment Supplied
2 x AlphaCom XE20
11x ASLT Subscriber Line Board for 6 Intercom Stations
9x Dual Display Master Station
1 x Wall Mount Master Station
5 x Wall Mount OR Master Station
1 x PA interface
1 x VPA-120 PA Amplifier
16 x Ceiling Speaker
1 x AlphaNet Networking license
Required Tie Cable works
Rack hardware
Required Connection Material including PA Outputs and Relays

Status
Completed

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The Site

The Royal Melbourne Hospital is Melbourne's oldest, providing outstanding care to the people of Melbourne and Victoria. It has two campuses in the renowned Parkville Precinct, just north of the Melbourne CBD.

The Royal Melbourne Hospital

The Scope

STENTOFON have been involved in the Royal Melbourne Hospital since 1994, with a Touchline MPC exchange supporting the Emergency Department, Radiology, Cardiology and Theatres. Interfaces to PA allows for staff to quickly locate each other, and request assistance with an Intercom installed in every room. After an extensive technology study involving the Radiology and Theatre departments to find the best communication system for their requirements, both departments realised that the best technology is the one they were already using; STENTOFON.

The Upgrade

The upgrade involved the installation of 2 AlphaCom XE20 exchanges, equipped to support their existing Intercom Stations. In the past, one exchange supported all areas, but with separate budgets, separate exchanges was seen as the way to go. Both departments realised the need to adjust the spread of intercom stations, so while some unneeded stations were removed, some new ones were installed. The Theatre department has benefited with the re-introduction of overhead speakers, powered by a STENTOFON Power Amplifier to improve audibility in the corridor areas, and the system is well placed to be expanded via the Ethernet for their planned OR expansion.

The Outcome

Both systems were installed and cut-over in 3 days each, resulting in a minimum of operational downtime of only hours, and now reside in a clean, cool server room which will extend the life of the system.