



HBF KS4

Organisation	HBF
Project Name	HBF Headquarters KS4 - New AV Fitout
Project Location	Kings Square, Perth, Western Australia
Project completion date	April 2016

The Brief & the Solution

Situated in the newly developed Kings Square Western Australia's largest health insurer, HBF have recently moved their headquarters from Murray street to Kings Square. As part of the relocation they were seeking an Audio Visual partner to assist with fitout of their newly appointed and owned facility known as KS4.

Following a lengthy evaluation process 3D Audio Visual were awarded the contract in September 2015 with commencement onsite late September and completion April 2016.

The project involved supply and installation of Audio Visual and Network infrastructure to 26 areas spread across 8 levels consisting of Digital Signage displays, Meeting Rooms, Training Rooms, Breakout Areas, Conference Facilities, Room Booking facilities integrated with

Microsoft Exchange and a show piece Video Wall. The design incorporated a central AV equipment rack on each level that connected each of the floors AV components supported by a dedicated AV network. The complex AV matrix allowed both connectivity between spaces and floors allowing common sources to connect to multiple end points on Cat6 SFTP cabling. As part of the project 3D Audio Visual were engaged to implement an AV network dedicated to the audio visual components which spanned 8 floors and over 400 network ports. As well as the supply and installation on the AV Network Infrastructure and Equipment, 3D Audio Visual worked directly with HBF's internal IT Department to ensure a smooth integration of the AV Network with the HBF Network.

KS4 was one of the first projects in Australia to utilise the new AMX Enova DGX 100 Series Enclosures which support online configuration and 4K Ultra High Definition (UHD) content.



Rooms

12 Meeting Rooms

Each meeting room consists of a 55" wall mounted LCD display and ceiling mounted projector for combined room operation. Controlled from a keypad and touch panel sources include, Free to Air TV, Dual HDMI table connections and wireless presentation. Each Meeting room has a room booking panel at entry to indicate room availability and facilitate room booking.

8 Breakout Areas

Each Breakout Area is located in the staff amenities area on each level and consists of a 65" ceiling mounted LCD display centrally scheduled to display HBF in house digital signage and Free to Air TV.

Conferencing Facilities

Located on Level 4 is a dedicated conferencing facility with two 65" wall mounted LCD displays and Cisco Speaker Track Video conferencing. The Cisco conferencing system has a unique dual-camera tracking system that allows participants in a video meeting to see the active speaker on the other end of a call in full view. Having the active speaker always appear in full view provides an optimum, life-like experience that can be better than being physically present. Presentation control is from a wall mounted touch panel and the facility includes a room booking panel at entry to indicate room availability and facilitate room booking.

6 Training Rooms

Level 4 is prominently the staff training floor of KS4 and each training room is equipped with large screen projection, HDMI and wireless presentation with speaker audio support. Four of the five training rooms are separated via divisible walls which when opened combine to produce a large meeting space for over 100 occupants. The audio visual system recognises the desired room layout and adjusts the presentation options to suit the presentation requirements.



Each training room has a room booking panel at entry to indicate room availability and facilitate room booking.

Video Wall

Level 4 also incorporates a large screen video wall in the Client Breakout area which is utilised for special functions and client promotions. Video Wall content is varied and includes HBF signage, wired and wireless presentation with the ability to present content from each of the 26 areas across all floors.

Resource Management Suite

Not only was RMS used for integrating Microsoft Exchange for Room Bookings into the AMX System, comprehensive room monitoring was also provided as a way for the client to proactively monitor all rooms and spaces so there is minimal downtime. The standard Projector Lamp Hours, Source Usage and Device Communications are reported, but by implementing Help Desk features and room specific fault reporting from the room Touch Panels, this gives the client much more information before contacting 3D Audio Visual for support.

Digital Signage

Each Level incorporates multiple signage displays each connected to a central signage system and delivers varied content from building energy efficiency, staff announcements, marketing and operational data. Each display is centrally controlled and managed via RMS.

3DAV Management Team

Client Liaison by Maree Wornes

Technically Managed by Ian Wornes

Programmed by Daniel Gavin

Project Managed by Jason Van Dyk

Logistics by Colin Upson

Administration by Stacey Cullen



Partners

Original AV Design – Malcolm Savage @ Technology Engineers
Architects – Geyer

Builder – Northerly Commercial

AV Integrator & Forward System Design – 3D Audio Visual

3D Audio Visual were directly engaged by the Client (HBF)

