D.I.B AudioVisual
Inspiring understanding

INSPIRED AV

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Celebrating 20 years of service with Tennis Australia

Tennis Australia is an organisation that hopes to promote and advance tennis throughout the country. They are responsible for conducting various domestic and international tournaments, most notably the Australian Open. This year marked DIB's 20th year of working alongside Tennis Australia, taking pride in being the AV provider for such a significant Australian sporting event.

DIB Australia has provided excellent AV design and AV services to meet the requirements for this major sporting event. This extends from making sure all AV upgrades are completed in a timely and professional manner, to ensuring that all AV services are operating correctly during the tournament. More specifically, DIB has undertaken the responsibility of overseeing the live streaming of the Australian Open, broadcasting various tennis matches throughout monitors and displays around the arena.

This was a multi-faceted project, involving much coordination with Tennis Australia to facilitate a smooth, problem-free operation that gives the Australian public the best experience possible.

CONTROLLING THE LIVE FEEDS

DIB was tasked with managing broadcasts from various feeds and delegating their content to 50 simultaneous TV channels, all of which can be viewed on the various displays scattered around the arena.

LIVE EVENT SUPPORT

To minimise the possibility of coverage being disrupted, DIB also provided live event support for the entire two-week duration of the Australian Open. This involved:

- The provision of highly trained, professional DIB staff who remain onsite to assist with any faults or issues that may arise during operations
- Delegating the appropriate resources necessary to overcome any hurdles

CABLING WORKS

DIB also conduct various cabling installations to temporarily expand the broadcasting system of the venue, ensuring that the feeds can reach any of the monitors installed within the venue.

The DIB team is proud of the work that it has done alongside Tennis Australia, and hopes to provide the best audio-visual experience possible for viewers of the Australian Open for years to come.

INTERESTED IN WORKING WITH DIB AUSTRALIA? CONTACT US!

For more information about this project, please visit **http://bit.ly/DIB14025** or scan the QR code below.

ALSO INSIDE THIS ISSUE

A revamped AV system for Caulfield Grammar chapel

Caulfield Grammar School prides itself on being an internationally recognised, co-educational school that understands the importance of providing a high-quality education for its students. In putting quality teaching and learning at the foreground of their school ethos, Caulfield Grammar ensures that their learning programs are dynamic and responsive to the changing nature of society. In achieving this goal, Caulfield Grammar employs the use of innovative learning technologies, encouraging students to capitalise on the resources that are ubiquitous in their daily lives.

Caulfield Grammar's extensive relationship with DIB meant that when it came to upgrading the audiovisual system within the school's chapel, DIB was chosen to tackle this project.

The full system

RETRACTING SCREENS

55" Philips displays were installed within the chapel, fitted into existing ceiling mounts that retract back into the ceiling for a flush effect. Featuring full HD, 1920x1080 resolution, these monitors are capable of delivering high-quality, vibrant images with crisp details. This ensures that any content displayed is not only readable from anywhere in the chapel, but that no details are lost or obscured.

A new HDMI system was also fitted inside the chapel. This new system features Kramer Switcher, an HDMI wall input, and Blackmagic HDMI to SDI converters. All of these components work together to provide the user with four separate HDMI inputs through which they can share content through the Philips displays.

A DYNAMIC AUDIO SYSTEM

DIB installed a Beyerdynamic lectern-style microphone system for better audio production. With a microphone that can directionally pick up audio from two separate speakers, this lectern system is perfect for conducting presentations. The lectern mic is connected to the chapel's audio system using a Sennheiser receiver and transmitter. DIB also provided a wireless microphone and a lapel microphone to cater for any occasion.

The chapel's audio system was also revamped with the installation of an Extron audio processor, which makes it easier for users to control audio from various inputs, and six premium Community pendant speakers. These high performance speakers

Mid-retraction of the screens

Displays retracted into the ceiling

Retracted screens

Extron Pro touch control panel

provide exceptional sound coverage, giving the audience a balanced listening experience. The chapel's existing audio system was also integrated to support the new audiovisual equipment installed.

USER-FRIENDLY CONTROL

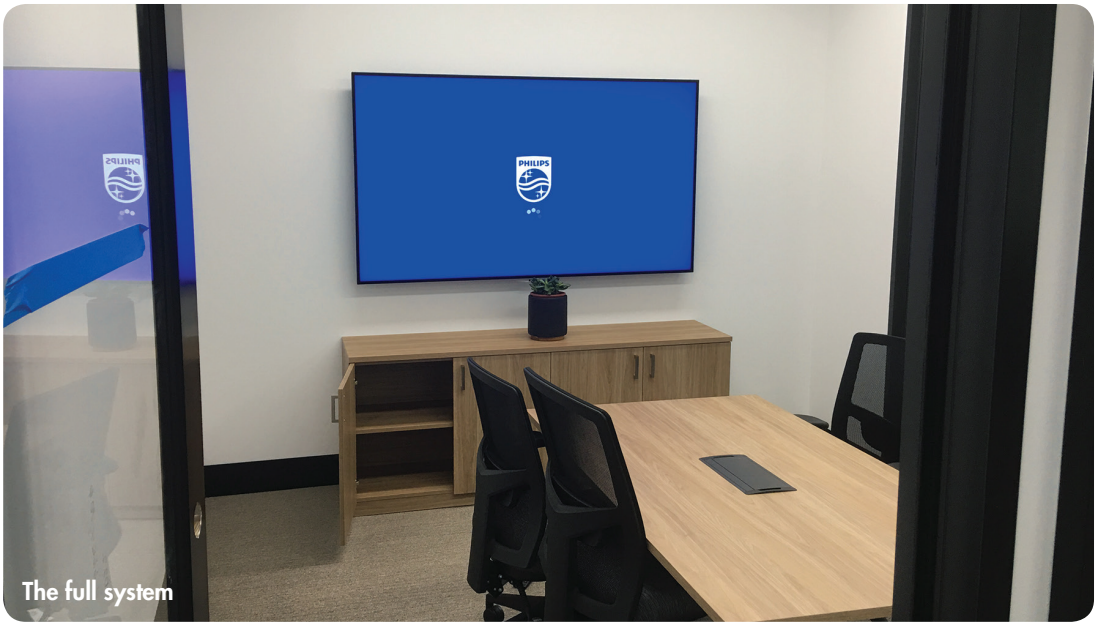
In wanting to provide a more streamlined way of controlling the audiovisual equipment, DIB installed an Extron Pro touch control panel. This wall-mounted, 7" touchscreen provides a very intuitive and simplified AV system, where users can access 80% of all the system's functions with one button press. This helps to both reduce confusion and wasted time when it comes to using the system.

Beyerdynamic lectern-style microphone system

LOOKING TO RENOVATE YOUR SHARED SPACES? CONTACT US!

For more information about this project, please visit **http://bit.ly/DIB13916** or scan the QR code below.

Building-wide meeting room installs for Nucleus Network



The full system

Nucleus Network is Australia's leading clinical research organisation, specialising in the conduct of phase one clinical trials. Nucleus Network prides itself on its diligent adherence to international regulatory requirements, upholding the highest of standards in their conducting of over 500 early phase clinical trials since their establishment. Nucleus Network believes in employing the best available technology to aid researchers during clinical trials.

As such, the DIB team worked with Nucleus Network and Bio Construct to install new AV equipment inside various boardrooms and meeting rooms. This hopes to facilitate more efficient, productive meetings.

VARYING SCREEN SIZES

Various Phillips LCD displays were installed the meeting rooms, its display size changing depending on the person-capacity of each room. These


The full system

bright monitors display content without losing its clarity or crispness. The large sizes of the display also ensure that everyone in the space can see the presentation, promoting more engagement. The system also features a variety of ways for users to connect their device to the monitor, including HDMI input plates for a more flexible experience.

A VERSATILE PRESENTATION SYSTEM

The DIB team installed Barco Clickshares inside each room. These stand-alone, wireless presentation systems allow users to wirelessly share content from their own devices to a central screen, whether it be a laptop, tablet or smartphone. A HDMI connection is also


Polycom PTZ camera system

Extron TLP Pro control panel

included to allow for a more local connection.

A Polycom RealPresence Conference phone, featuring a Polycom PTZ camera system, was integrated with the new AV system. With the camera's full HD resolution, conducting video conference calls have never been easier.

Additionally, the installation of a Kramer Matrix switcher, which takes inputs from the presentation station and local inputs and allows the user to choose whether to display content on the displays and during video conference calls.

INTUITIVE CONTROL OF THE SYSTEM

Controlling the AV system within the rooms has been streamlined thanks to the fitting of an Extron TLP Pro control panel. This panel takes the important functions of the display, the Kramer Matrix and the conferencing equipment and places them in an easy-to-access, central place for easier use.

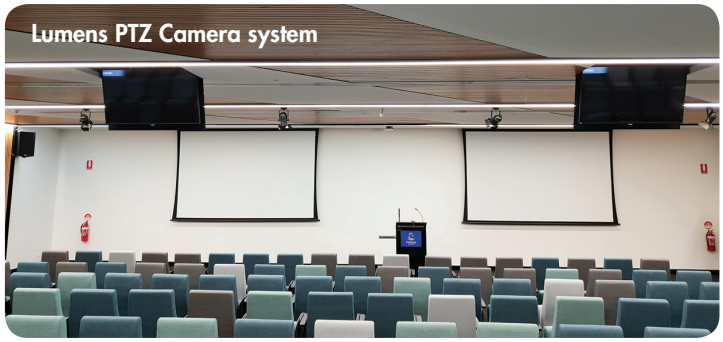
WANT TO SPICE UP YOUR BOARDROOMS? CONTACT US!

For more information about this project, please visit **http://bit.ly/DIB13396** or scan the QR code below.


The full system

A technologically-expansive theatre for Padua College

Padua College is a Catholic secondary school on the Mornington Peninsula with over 2500 students and 350 staff. Padua seeks to develop entrepreneurial thinkers, who foster a range of 21st century skills including collaboration, communication, critical thinking and creativity. Developing facilities to enable this are a key priority and, to this end, the College has undertaken a building masterplan that will best meet the future educational needs of its students, including this technologically enhanced lecture theatre.


Lumens PTZ Camera system

In wanting to have a more technologically enhanced theatre, Padua College employed the services of the DIB team in helping them achieve this goal. This project primarily involved the installation of a new projector system.

POWERFUL VENUE PROJECTORS

Two Epson EB-L1505UNL laser projectors were installed at the rear of the theatre. With 12,000 ANSI lumens of brightness and WUXGA resolution, these projectors are perfect for large venues because they create ultra bright images. They ensure that any projected content keeps their clarity and detail, while remaining readable in spite of unfavourable lighting conditions. Users can display content onto the projectors using either the Vivi Receiver or through the various HDMI input plates installed throughout the theatre.

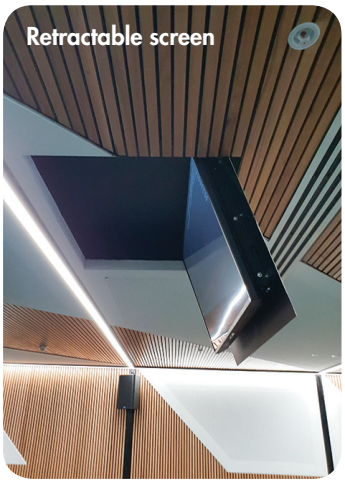
Two 150" ScreenTechnics ElectriCinema projection screens were fitted at stage location, allowing both rear projectors to display content onto them. Two ScreenTechnics Recessed Screen Boxes were also installed within the ceiling cavity, giving a flush finish that hides the screens completely when not in use.

FOLDING SCREENS

Two 49" Philips UHD commercial monitors were installed halfway down the theatre space, fitted into Ultralift motorised TV brackets that fold up into the ceiling cavity for a flush finish, hiding the panels when not in use.

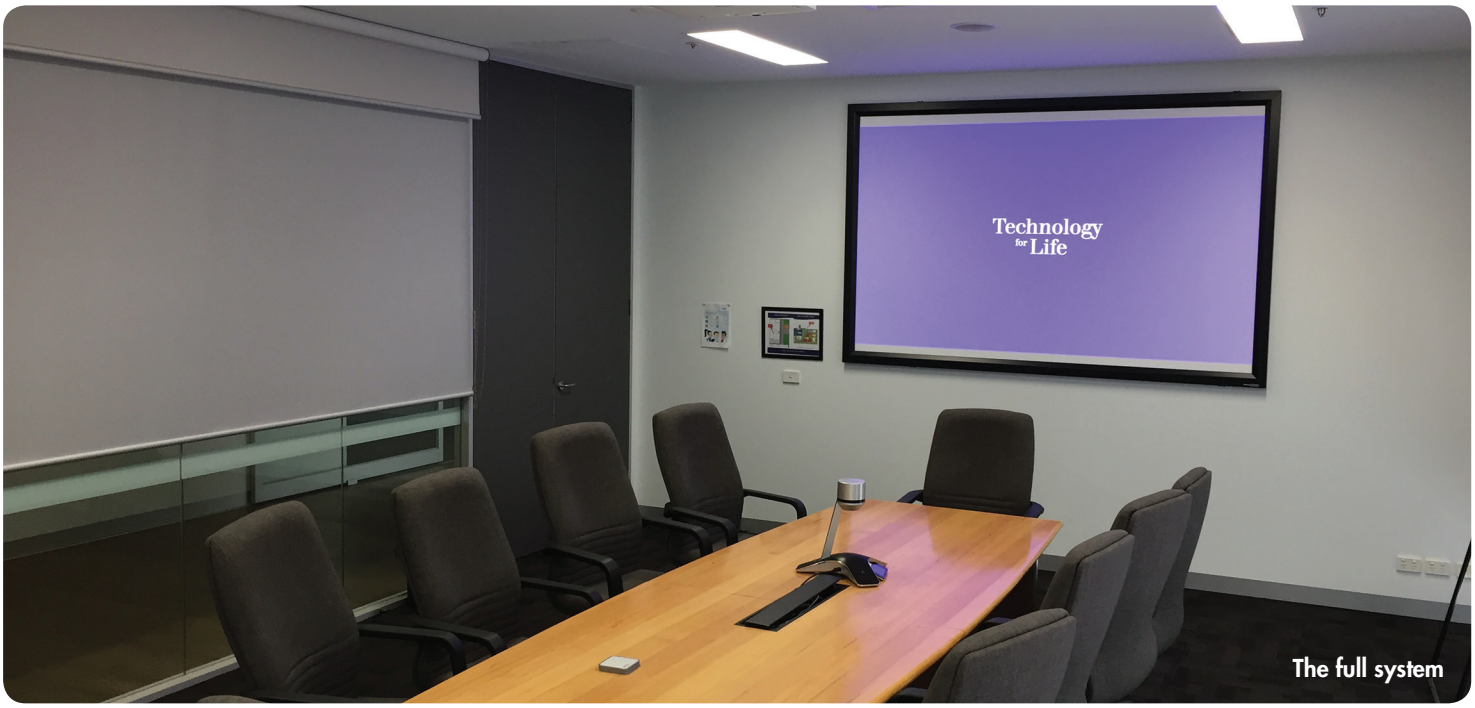
EASY LIVE STREAMING AND RECORDING

An Extron SMP 351 Streaming Media Processor was installed. This flexible media processor is capable of capturing and distributing live AV sources and presentations with ease, through both live streaming or through recording. The SMP 351 is perfect for professional or educational environments, allowing events to be streamed lived for students or employees unable to attend in person, or recorded for future reference. To supplement the functions of the SMP 351, a Lumens VC-A51S PTZ Camera system was ceiling mounted to capture high quality visuals.


Retractable screen

INTERESTED IN RENOVATING YOUR THEATRE? CONTACT US FOR A QUOTE!

For more information about this project, please visit **http://bit.ly/DIB13466** or scan the QR code below.



The full system

An upgraded projector system for Dräger meeting room

Dräger is an internationally renowned enterprise that provides medical and safety technology products. Dräger prides itself on supplying products that protect, support and save lives throughout a multitude of sectors, including clinical and mining.

Dräger engaged the services of the DIB team to upgrade the projector system inside Dräger's Lubeck meeting room. This involved the installation of a more powerful, versatile projector.

POWERFUL AND VERSATILE

An EPSON EB-L610U installation projector was ceiling mounted onto an existing bracket inside the boardroom. Thanks to the projector's 6,000 ANSI lumens of brightness and 3LCD 3-chip technology, projected images are incredibly bright and colourful. This ensures that the content doesn't suffer in terms of clarity and readability.

The projector also uses innovative laser-light source technology, meaning that the projector can not only deliver up to 20,000 hours of use, but is maintenance-free. Staff using the projector need not worry about the upkeep of the projector, allowing for a more hassle-free experience.

EPSON EB-L610U installation projector

A MORE USER-FRIENDLY SYSTEM

An existing Joey Micro control panel was also reprogrammed to suit the new functions of the installed system. This also included re-labelling buttons and the panel front. User-friendly control panels like the Joey make it easier for users to control their AV system, as they take the most used functions of the system and assign them to easy-to-use buttons on the central controller.


Joey Micro control panel

LOOKING TO UPGRADE YOUR MEETING ROOM? CONTACT US!

For more information about this project, please visit **http://bit.ly/DIB14285** or scan the QR code below.

A wave of new CommBox touchscreens for St Catherine's

As one of Australia's leading girls' schools, St Catherine's School is dedicated to providing young women with a personalised level of academic care and exceptional educational opportunities fit for the modern age. St Catherine's is committed to fostering a vibrant learning environment that nurtures and empowers students. To facilitate effective teaching and learning, St Catherine's recognises that using the most up-to-date educational technologies is essential.

DIB was happy to work with St Catherine's in installing new audiovisual equipment inside their newly constructed Junior School. After consulting with the school to determine what their requirements were for the space, DIB designed a project featuring the installation of touchscreen monitors across twenty classrooms.

MORE HANDS-ON LESSONS

In all of the classrooms, a 75" CommBox Classic Interactive touch monitor was installed. With an ultra HD, 4K (3840x2160) resolution, this bright, versatile monitor adds an extra element of interactivity to every lesson. Utilising combined infrared and camera technology for ultra fast and accurate touch response, the CommBox can register four points of touch at any one time, allowing multiple students/staff to interact with the display. The CommBox screen was installed on a motorised bracket, accommodating for different heights by lowering or raising the position of the panel. This helps to create more flexible classrooms, where different year levels can easily come in and use the full functionality of the space.

For audio reinforcement, DIB installed a CommBox soundbar. Hanging directly off of the CommBox screen, this soundbar is not only effective in carrying sound throughout the classroom, but complements the modern, sleek aesthetic of the monitor.

CONTROL EVERYTHING WITH ONE TOUCH

For a more intuitive and user-friendly control of the new system, the team programmed and installed a CommBox Control Hub 9. Comprising of a Joey Micro 9 control panel and an input plate (HDMI/USB/VGA/Audio), this control hub enables users to access the important functions of the system with a single touch of a button. Users can also locally connect their devices to the monitor using the various inputs.

For a wireless way of presenting content, a VIVI wireless receiver was also installed. This wireless presentation system allows both students and staff to share content from their devices, allowing for a more open, collaborative classroom.

The full system

WANT TO INCREASE INTERACTIVITY IN YOUR CLASSROOMS? CONTACT US!

For more information about this project, please visit **http://bit.ly/DIB12595** or scan the QR code below.

CommBox Control Hub 9


The full system

TIPS TO ENSURING THE BEST AV SYSTEM FOR YOUR NEW BUILDING

Great news: your school or organisation has a NEW building project approved! You're excited about the possibilities and benefits this new facility will provide for your organisation. In this section, we will offer some tips and insights that might help ease the process of determining and planning the AV equipment for your new building.

As with any AV installations, the first step is to determine what is needed in each space. While this is no different with new buildings, the fact that the space does not exist yet adds a degree of difficulty to the proceedings. Clients may be tempted to try and install a wide variety of AV equipment in the space to cater for all possible scenarios, but more often than not too much money will be spent on equipment that will mostly be left unused.

This is why the success of any AV system in a new building project is dependent on the involvement of an AV integrator in the early planning phase of the project. An AV consultant can help the client determine what they actually want in the space by guiding a discussion to ascertain:

- what the client will be doing in that space;
- how they are going to use the space and;
- what sort of information they're trying to present and to what groups of people etc.

The consultant will then work from the client's needs to try and form a solution that answers them through the appropriate technology.

After this initial step, the next thing to do is to interface with their design team and architects to make sure that the building works with the client's AV requirements. Whilst many architects do an excellent job of designing beautiful and impressive modern buildings, these designs do not always lend themselves to creating workable, functional spaces for the installation of AV requirements. Thus, AV consultants might suggest minor changes to the building's design to ensure that the clients get the desired AV outcome they are looking for.

Another reason for having an AV consultant involved early in the planning phase is to finalise the plans for the AV system and get the wiring installed before walls are plastered or permanent ceilings are completed. This not only avoids any frustration for wiring later, but enables the AV design to be practical. This practicality ranges from the functionality of the AV system through to the "serviceability" of the system. Without a consultation with an AV integrator, many of these important factors can get overlooked during the design phase, which may lead to more problems down the road.

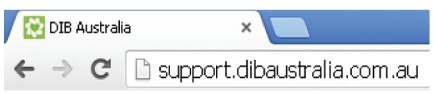
DIB Solutions Consultants have extensive experience in providing AV solutions with new building projects, particularly in planning and working effectively with all parties involved. Their comprehensive knowledge from having worked with a variety of different clients and spaces can help guide you through the hard parts of designing a new building's AV system.

CONTACT US TO HELP YOU PLAN AN AV SYSTEM FOR YOUR NEW BUILDING

For assistance with your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today. Phone **(03) 9457-4800** or email us at **info@dibaustralia.com.au**

STEPS TO LOG A SERVICE REQUEST (DIB Australia)

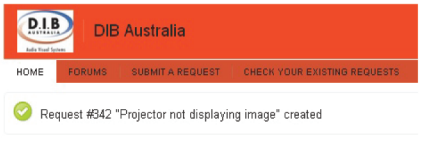
STEP 1
Log on to support.dibaustralia.com.au



STEP 2
Click 'SUBMIT A REQUEST'

STEP 3
Fill in fields. Making your description of the fault as clear and detailed as possible will reduce any potential delays. You can even upload photos of the fault to assist the support staff.

STEP 4
Click 'SUBMIT' and a confirmation page will be displayed with a request # and your subject line. An email will also be sent to your inbox notifying you that your request has been received by the support staff.



STEP 5
A support staff member will then make contact with you with a suggested date and time for a service technician to be onsite.

CREATE AN ONLINE ACCOUNT

You can monitor all of your requests (especially useful for larger organisations) by creating an online account.