

NEWSLETTER

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Making a Difference at Cornish College

Located in Bangholme, Melbourne, Cornish College proudly became one of the Uniting Church's newest schools in January 2012, providing internationally recognised curriculum in a truly unique environment.

The Cornish College Motto, Make a Difference, encourages its students to 'think' for themselves to become the creative problem solvers of tomorrow, whilst being able to work together collaboratively in a spirit of cooperation. In order to assist students to achieve their full potential, the College places a high degree of importance on providing the best possible resources and technology.



Since contacting DIB Australia during the initial stages of building works in 2011, Cornish College has grown from a student population of 200 students to 540 in 2015. Student numbers are expected to continue to grow in the next few years to approximately 800.

Cornish College is primarily an Apple environment with computers and iPads being used across the school. Epson Interactive Projectors were originally chosen to be installed as they were able to project onto a standard whiteboard and could be used interactively with any software and operating system.

Due to the success and ease of use of the initial installation, Cornish College has continued to install these systems into their rooms and as technology evolved, so did Cornish. The most recently completed project at the beginning of 2015 saw the installation of the latest in interactive projector technology - the Epson EB-595Wi Projector. This unit boasts all the features which make the Epson range so popular, along with the newly added functional-

ity of finger and gesture touch interactivity.

Apple TVs are also integrated into each room for wireless connectivity. This means the systems are set up not only to be interactive whiteboards but also give teachers the ability to present content and teach from anywhere in the classroom.

Cornish College share DIB's value on staff training, and Gabi Ceglia from DIB has conducted Professional Development for staff regularly. This support has greatly attributed to the success of interactive technology at the school.

DIB Australia is very proud to have had such a strong partnership with Cornish College and look forward to seeing what the future holds for this unique and multi-award winning independent school.



For more information on this installation visit:
<http://dibaustalia.com.au/?p=2626> or scan QR Code.

NEW Video Wall for Victoria's State Control Centre

The State Control Centre (SCC) is Victoria's primary control centre for the management of emergencies. It's main purpose is to provide a facility to meet the State Control Centre's priorities and objectives, including the delivery of up-to-date information, so that decisions can be made quickly within succinct time frames. So, when Erbas Engineers approached DIB Australia for an AV solution, a clear understanding of the clients needs were paramount to the success of this project.

After much consultation with the client, an AV solution was determined, which involved the creation of a Video Wall, using a total of sixteen LG 55LV35A 55" LCD TV panels. This would create four 4 x 4 configured video walls, with the ability to be used as individual screens or 4 large 110" video walls. A total of 20 different inputs could be selected with multiple end

users controlling the system, so a simple user interface was important to the client. With this in mind, an Extron 10" Colour Monitor (TLP Pro 1020T) with simplified custom controls was installed. Ipad control of the system was also a desired feature, enabling the end user the freedom to move around the room, making changes as required from any location. This was a unique, custom AV installation that required attention to detail, including testing of equipment and configurations to make sure everything would work well once installed.

At the heart of the system the Extron IPCP Pro 550 processor (to handle the control of the multiple displays and hardware) and a Kramer VS-3232DN Modular Matrix Switcher (for video signal routing) were used.

Training was also provided by DIB to the

relevant staff at the State Control Centre to ensure the system was utilised to it's full potential.



Victoria's SCC Video Wall



For more information on this installation visit,
<http://dibaustalia.com.au/?p=2750> or scan QR Code

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Caulfield Grammar's Learning Projects - Exploring Education for the 21st Century student



Presentation Nook - Commbox 60" Classic Panel



Sharp 70" LED TV on custom built NIB Wall



Clean & aesthetically-pleasing rear view of Sharp panel



Extron MLC62 control panel



HDMI, USB & Mac Mini inputs



Collaborative Studio Table - Commbox 60" on tilt trolley

through the installed Apple TV, as well as a Mac Mini that was also integrated to create a permanent interface with the Commbox. These were carefully hidden behind the panel to give an aesthetically-pleasing finish to the area.

A HDMI and USB connection was also provided for a connection point for an external display, as well as a USB interface for the Mac Mini to enable connection of a keyboard or webcam to the device. The placement of these connections was also important, being on the closest side to the seating, which allows the teacher/leader to have their device sitting on the seat next to them for ease of use.

The Extron MLC62 control panel was chosen for simplified operation of the system, helping eliminate the need for complex and easily lost remote-controls. Custom buttons were carefully chosen to make the whole system easy-to-use. Aesthetically appealing flush-mounted ceiling speakers provided the audio for the space, rounding off the quality installation.

The second space was called the Collaborative Studio Table, in which the DIB installed the Commbox 60" Interactive "A" Series (CB3060L) display. This also included a tilt trolley, which allows the screen to tilt and raise/lower, giving it maximum versatility and allows for multiple methods of teaching application. This technology was carefully integrated into the learning space, allowing for comfortable seating, (set at the correct height) and sufficient standing space around the technology.

The final learning space is the Combined Space Screen. As this technology would span two distinct areas, the design needed to be versatile

enough to use the TV panel in either area. For the purposes of this installation, a NIB wall (free-standing wall) was centrally installed, on which the large Sharp 70" LED TV was placed. There were some unique additions to the set, including a Custom Swivel Stand. At the rear of the set, this included handles to enable the set to be easily rotated, as well as a custom-built mesh panel to discreetly hide cables.

An Apple TV unit was also installed to enable connectivity to iPads and a HDMI input was placed next to the Extron MLC62 control panel for other external devices. The Extron MLC62 was chosen to bring the installation inline with DIB's ethos of creating systems that are easy-to-use and produce an enjoyable experience when using the technology.

Australian Monitor TXG30 speakers were also designed to fit snugly between the 70" panel and the NIB wall. These were attached to the TV, so that effective audio playback was given, no matter which direction the TV faces.

DIB have worked hard with all parties involved in the Learning Project project to produce unique AV solutions in each of the learning spaces, specifically to the learning needs expressed by Caulfield Grammar.

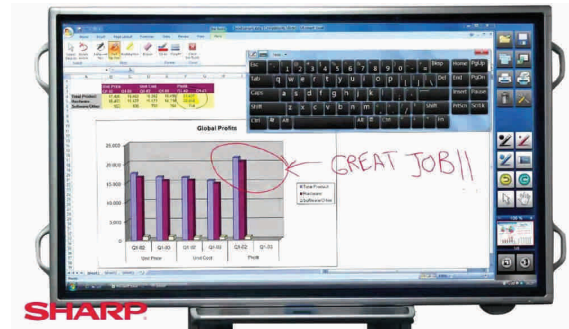
For assistance with your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today Phone 03 9457 4800 or email: info@dibaustalia.com.au



For more information on this installation visit, <http://dibaustalia.com.au/?p=2636> or scan QR Code

Sharp's NEW Interactive Touch Screen Panels - BIG on features, Sharp on price!

The newly-released Sharp Interactive Touch Panels set a new benchmark in the Touch Screen category of LED screens. They come in an 70" and 80" size option. Main features include a massive 10-point touch recognition (upgrade option on other brands), a very thin profile and has a low-reflective surface, giving it the best viewing angle we have seen in one of these types of screens!



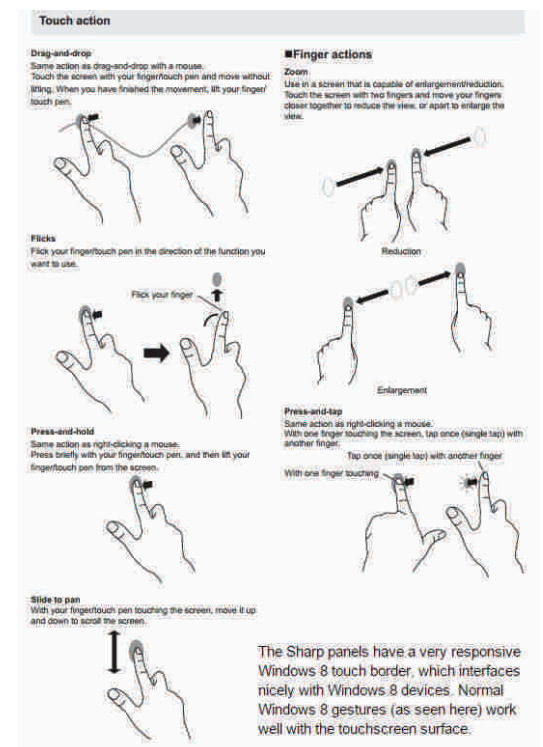
Unique features include x2 USB outputs and a touch-operated on-screen menu, which can eliminate the need for the certain devices in an installation (USB switcher device or control panel respectively). By not having to include these components, this can represent a significant cost saving when installing a Sharp panel.

The Touch-operated on-screen menu allows you to easily switch input sources, change volume level, or turn the touchscreen function on and off, all without using a remote control.

Features such as inbuilt 2x10w front-facing speakers and removable Side Handles (to easily swing the panel, if mounted on a AV trolley) are amongst the features that are included in the Sharp panels, but are not featured in brands such as Commbox.

Includes a handy x3 HDMI inputs, VGA input, LAN & RS232 control and features options of Picture-in-Picture or Dual Screen display.

An excellent point of difference with other touch capable panels, is that these Sharp products come with a 3-year onsite warranty.



For more information on this product visit: <http://dibaustalia.com.au/?p=2626> or scan QR Code.



HINTS & TIPS

Thinking of Upgrading your classrooms and trying to decide between an Interactive Projector or an LCD TV?

Some Things You Should Consider First...

A key factor that should be considered initially when deciding on new technology is the actual screen size. A comparison between an average projection image size of 100" in a classroom, and a 55"-70" widescreen LCD TV can be made. This is quite a big difference; in some cases this means you're actually losing almost 50% off the height off the comparable image. In understanding how this affects education, there is a direct link between screen height and text height. If your text height was reduced by 50%, how would this affect the readability of content? For example, having to read text on websites or spreadsheets, particularly for students sitting anywhere from halfway to the back of a standard classroom, could present potential learning difficulties for students. As a point of reference, current ultra-short-throw projectors can produce a widescreen image close to 100 inches. With this in mind, ultra-short throw projectors are still an excellent consideration for the education sector.

In comparison, the main benefit of LCD TV panels are they generally have a higher contrast and resolution than most projectors. This is of particular

importance in such learning spaces such as art, textiles or graphic art classrooms, where the detail of colour and texture are crucial in the teaching and learning process. Another important factor in choosing an LCD TV is the placement of the unit; is there enough room to place it



centrally so all students can see, or will whiteboard space need to be sacrificed to provide room for the unit. This is not the case when installing a projector, which can generally use existing

whiteboard space. So, it is important to consider the function of the space the technology will be used in, as the latest technology is not always the best solution.

Classroom Audio Visual has come a long way in a short period of time. You may remember when projectors only produced a washed-out image and it cost an arm and a leg to replace a blown light globe? Nowadays, they're easily bright enough to function properly in a standard classroom environment. The price of a replacement lamp has dropped too; in many cases it can cost as little as \$79.

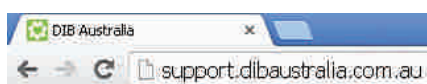
Each school is unique. A solution for one classroom may not be right for another. If you consider the highlighted benefits and drawbacks of each technology, it will help you make the right decisions for your school. After all, you're going to find that you're using an audio visual system for at least 5 years, so getting it right is pretty important!

For further information regarding your classroom upgrades, contact one of our Solution Consultants at DIB Australia on (03) 9457 4800 or email info@dibaustalia.com.au

STEPS TO LOG A SERVICE REQUEST (DIB Australia)

STEP 1

Log on to support.dibaustalia.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.

Sign-up to DIB Australia

Please fill out this form, and we'll send you a welcome email to verify your email address and log you in.

Your full name

Your email address

Your Twitter account (optional)

Please verify that you are human

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Type the above two words in the box below