



Padua College

Lecture Theatre Upgrade: Presentation System

The Customer

Padua College is a co-educational secondary college situated on the Mornington Peninsula, about a 90 minute drive south of Melbourne. The college is a thriving, multi-campus community catering to more than 2,300 students from grades 7 to 12.

The spacious, attractive grounds at each campus include natural bushland and wetland areas, which provide a tranquil environment for students to participate in the very best that education has to offer. Students are encouraged to reach their fullest potential and to ... 'dream great dreams'... as espoused in the College song.

Padua College has embarked on an ambitious strategic plan to provide an enhanced curriculum that will encourage students to be engaged learners and entrepreneurial thinkers. This strategic vision encompasses not only what students are taught, but also how they are taught and their learning environment. The College has initiated the roll-out of enhanced technology to support this new way of learning.

Customer

- Padua College.

Industry

- Education / School.

Challenges

- Long, narrow physical space hampering audience engagement.

Solution

- DIB Audio Visual developed a solution which included a consultation phase to determine user requirements, system design and build, implementation, user training, system commissioning and ongoing technical support.

Result

- Improved student engagement leading to enhanced education outcomes.



Construction and refurbishment of state-of-the-art educational facilities across the College's various campuses has already commenced, with Stage 1 featuring the construction of the first multi-storey Year 10-12 learning centre and upgraded lecture theatre.

The Challenges

A significant factor impacting the engagement and success of student learning is the teacher standing at the front of the class. Padua College's new lecture theatre is used for multiple purposes. To better support teachers and others using this space, and provide an enhanced learning environment, the College decided to review and install a fit-for-purpose AV presentation system. Additional concerns centred on the lecture theatre space - the long and narrow design of the theatre impacted on audience engagement, especially for those seated at the rear who often could not see what was being presented, resulting in a poor learning experience.

The Solution

Padua College selected DIB Audio Visual to design and commission the lecture theatre's new presentation system. Working closely with the customer, DIB Audio Visual developed a solution which included a consultation phase to determine user requirements, system design and build, implementation, user training, system commissioning and ongoing technical support.

Providing engaging content

The backbone of the new system are twin Epson EB-L1505UNL laser projectors, providing 12,000 ANSI lumens of brightness and 4K enhancement

with 1920 x 1200 resolution, perfect for displaying presentations and videos in large venues where consistent clarity and brightness are critical.

Capturing student attention

To focus audience attention at the front of the stage, DIB installed two 3.8 metre motorised projection screens from Screen Technics. The giant screens are a perfect match for the Epson projectors, ensuring class-leading clarity and brightness. The screens neatly slide out of sight into the ceiling cavity when not in use, allowing the stage to be fully utilised for other presentations.

"Students are able to easily engage with content being presented"

Danny Goss, ICT Manager, Padua College





Full room coverage

Ensuring full room coverage are two 1.2 metre UHD commercial monitors from Phillips, installed midway along the theatre. Motorised brackets fold the monitors into a ceiling recess when not in use, providing unrestricted views of the stage when required.



Lumens PTZ Camera system.

The Results

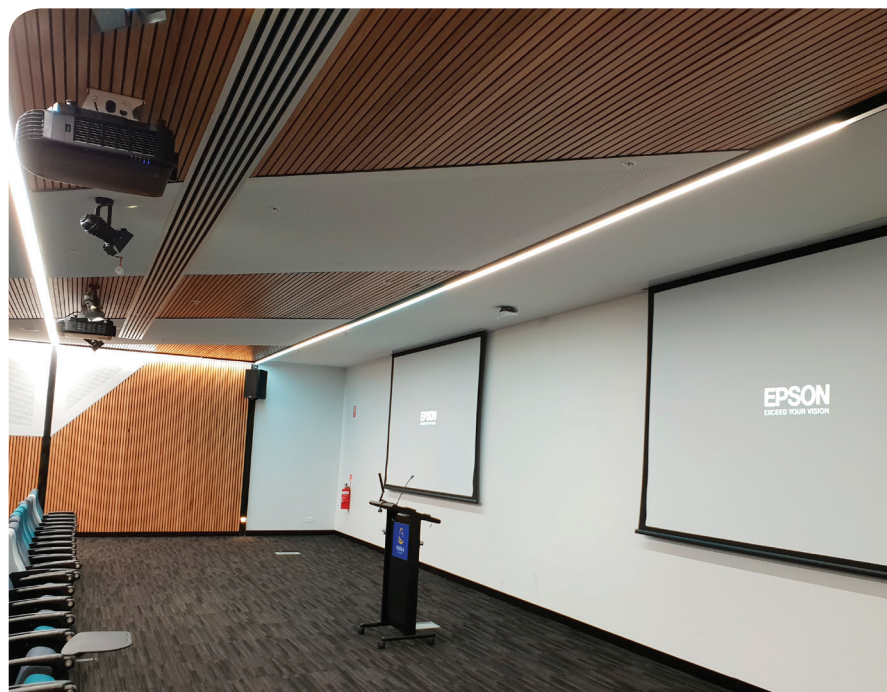
Students and other audiences using the theatre are able to easily engage with content being presented at the lecture theatre, supporting enhanced education outcomes and enabling the College's strategic vision of students who are engaged learners and entrepreneurial thinkers.

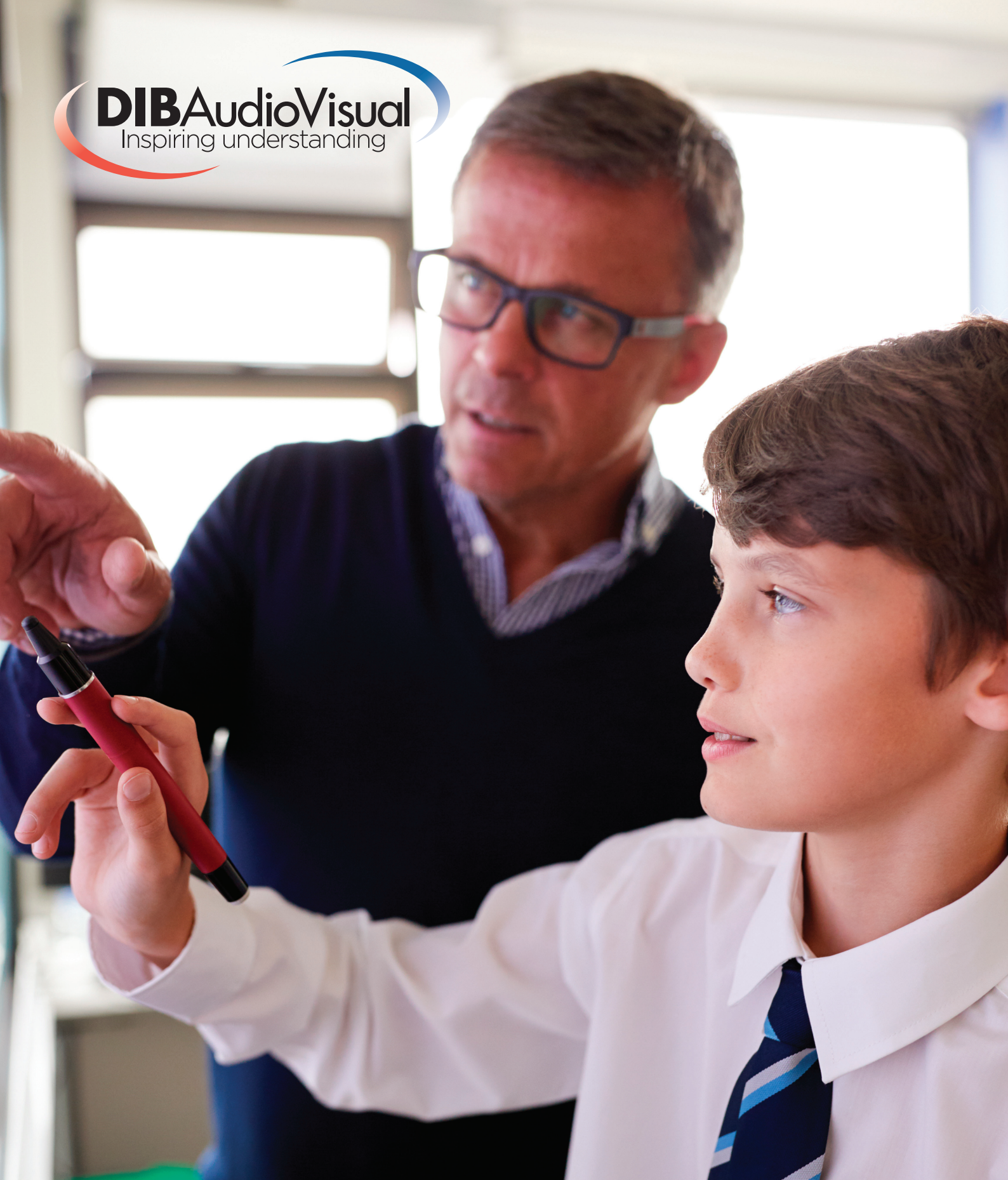
Padua College ICT Manager, Danny Goss, believes the secret to any successful AV upgrade is ensuring ease of use.

Twin Epson EB-L150UNL laser projectors and two 3.8 metre motorised projection screens from Screen Technics were the perfect combination for Padua College's lecture theatre upgrade.

"The new system had to be easy to use. Most users can now walk in, connect their device and start presenting straight away with no need for a technician. It's this kind of simplicity which delivers great user experiences for students and staff across the entire College."

Danny Goss, ICT Manager, Padua College





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