



NEWSLETTER

Voice, Video & Data Cabling

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THIS MONTH'S HEADLINES:

AUSTRALIAN OPEN 2005

ACCESS POINT INSTALLATIONS

TECHNOLOGY CORNER: NETWORKED PROJECTORS

FEATURE: IGS NETWORK PROJECTOR INSTALLATION

AUSTRALIAN OPEN 2005

In January, DIB Australia's contribution to the Australian Open Tennis Championships continued for its sixth consecutive year. Providing television installation and support services to key areas in Rod Laver Arena and Vodafone Arena, this year proved to be a great event, both for DIB and Australian Open itself, which attracted a record number of patrons in its centenary year. With more than 500 televisions installed for the event, DIB was able to distribute more than 40 simultaneous TV channels through the broadband system. Our emphasis on picture quality was higher than ever this year and was evident across all areas.



ACCESS POINT INSTALLATIONS

DIB Australia has recently been assisting many schools with the installation of wireless access points. With many years experience in data and network cabling, this was a natural extension. DIB's unique secure and aesthetically

pleasing covers for access points have been a real hit in many schools, providing economical protection and aesthetic enhancement. For more information or any assistance, please contact a DIB Solutions Consultant today.

TECHNOLOGY CORNER

NETWORKED PROJECTORS

The new Epson Wireless capable projectors are now available and more usable than ever. Wireless or Networked Projectors allow multiple users to display to the projector from anywhere in the room. For example, a wireless enabled laptop (or an existing PC with a wired Network Interface Card) can display their monitor through the projector onto the big screen, making a valuable resource for teachers. If a teacher wants to provide an example and show the rest of the class a particular student's good work done on their computer, the hassle and limitations of everybody gathering around a small monitor are gone. After a few clicks, the student's monitor can be displayed on the big projection

screen at the front of the room and no one even has to get up, saving time for everybody's benefit. Tablet PC's can also be used so a teacher can walk around the room and simultaneously transmit to the screen. Networked projectors can also be integrated with existing wireless access points, so anybody connected to the network wirelessly, could potentially drive the projector. A great benefit of having a projector connected to an existing network is that images can be streamed from a PC on the other side of the school, providing an extremely useful tool that could be used for events such as open days. A concern some people have with wireless projectors is that unauthorized people outside the room can log on to the projector and



display their monitor. New Wireless projectors can overcome this by having a dynamic pin code required to log on, which changes every time the projector is turned on. The use of this pin code, which can be hidden from the audience or displayed on the projector, means only authorized people can access the projector.

FEATURE STORY

IGS NETWORK PROJECTOR INSTALLATION

Ivanhoe Grammar School recently engaged DIB Australia to complete the installation of NEW Multi-media projector classrooms. The final design, which includes the latest in networked projector technology, was chosen as the optimum solution for the school. The design is built around the premier networked projector, the EPSON EMP-835. This very high quality projector includes 3000 ANSI lumens of light output coupled with hardwired and wireless network connection.

The projectors were installed in security cages complete with alarm interface. Control of the projector is achieved via a JED wall panel which controls activation, source selection (including the new networked source) and volume control. The system is fully automated with a motorized 120" DA-Lite screen which automatically raises and lowers as needed (and can even be lowered as an override should it be required). The networked function allows any student in the class to present their work direct from their laptop to the classroom screen, no need to plug and unplug VGA cables and drag them around the room or move the student. Coupled with the school's wireless network the student or teacher machine need not even be plugged (wired) into the school network to present, it can all happen across the wireless network. The projectors themselves can also be managed and accessed via management software across the school network.

All in all, this installation takes classroom projectors to a new level and when combined with wireless tablet PC's is sure to further the technological revolution which is occurring in schools. For more information on networked projectors and how they might benefit your school, please call DIB Australia today.



ABOVE: IGS's new rear wall-mounted projector encased in a high-strength security cage.



LEFT: Input panels including projector controls, network and VGA.



BELOW: The wireless projector display can also be managed using a tablet controlled PC.



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