



NEWSLETTER

Voice, Video & Data Cabling

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THIS MONTH'S HEADLINES:

- **LASER TECHNOLOGY: THE REAL DEAL**
- **PROJECTOR CONTROL MADE EASY**
- **TOP JOB FOR A 'TOP CAT'**
- **BETTER ADMINISTRATION FOR GILSON COLLEGE**

LASER TECHNOLOGY: THE REAL DEAL



Recent advances in laser network technology open up new opportunities for high speed networking to remote buildings.

Laser technology offers a wide range of advantages over RF based wireless links. Laser based solutions are much more secure (you can't just drive past with a laptop and pick up signals) and are wire speed equivalent, i.e. 100Mb is 100Mb full duplex not 10Mbps or less. Furthermore, they will not deteriorate as more RF links are installed, they do not require licensing and laser links are now much more affordable than RF solutions.

Call for a Solutions Consultant today to discuss your link requirement.

PROJECTOR CONTROL MADE EASY



Imagine the convenience of remotely controlling sound and images during a lecture!

The JED projector and audio controllers offer a convenient system to control video and data projectors. A unit can be installed on a lectern, bench or wall near the speaker's location in a hall or theatre.

The 76mm by 58mm front panel keyboard is shown above. It is mounted

on either a white or black Clipsal 2000 series blank power point base or grid-plate. Behind the window is a two-line backlit LCD screen, showing system status.

The T460 has an attractive white, or black, smooth escutcheon (or frame) around it, giving an overall size of 110mm by 70mm. This covers the screw holes and can be mounted onto a lectern or desk at a convenient point for the speaker to control video and data projector operations.

These units are for permanent project installations. They simplify system operation and ensure against loss of remotes. Coupled with a passive IR detector, these panels can even shut down a projector that has been left turned on accidentally.

TOP JOB FOR A 'TOP CAT'

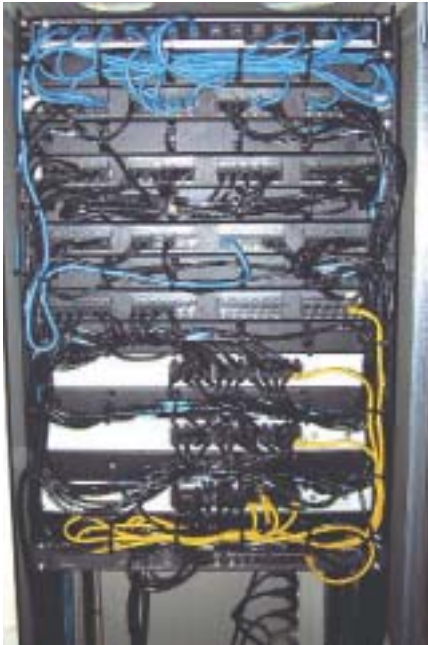
Top Cat Video Productions is an outside broadcast operator, servicing greyhound racing tracks Victoria-wide. The principal, Mr Charles Bates has been in the business for more than twenty years and has broadcast more than a thousand dog-racing events.

DIB Australia recently helped Top Cat Video Productions with the communications wiring and setup of its "new" OB van. With appropriate modernisation, the Top Cat OB vans now boast full digital mixing decks and recording equipment. Bates has been associated with DIB lead AV engineer, Trevor Wilkinson for nearly twenty years. "I'm always happy to wait for Trevor," Bates said, "I know what I'm getting and can trust him to get it right. It's knowing that I can rely on it to work wherever I am, the cables are done properly, fully labeled, the drawings are accurate and it's this relationship that I want to keep".



GILSON COLLEGE "WIRED FOR SOUND".

UNTIL RECENTLY, GILSON COLLEGE OF TAYLORS LAKES HAD SEVERAL SEPARATE PA SYSTEMS IN OPERATION. GETTING A SIMULTANEOUS MESSAGE TO THE WHOLE SCHOOL COMMUNITY WOULD HAVE REQUIRED A MAN WITH A VERY LOUD VOICE!



During construction of the college's new admin building, DIB worked closely with architects, builders and school staff to successfully upgrade and replace the separate communications cabling services with an integrated system. Made up of separate "cells", this system permits the whole school to be paged simultaneously without compromising the ability for each cell to maintain its ability to "stand alone". Because the admin building was the first of a number of stages, the design had to be flexible. "We had to make sure that any

infrastructure we installed was going to be good for future stages", said Sam Garden, DIB Australia Solutions consultant.

The communications cabling services were designed after extensive planning and coordination with Genem B.C.S. Architects, the principal, school IT coordinator and a number of other interested parties.

The end result is an integrated voice and data cabling plant, tied back to a 38RU 900mm deep server rack; a PA system complete with volume and zone control.

"It was done with a minimum of fuss," school principal, Mark Vodel said.

"We had a painless transition into the new building. When you consider that the whole computer and phone systems were shifted, the racks, server and bell system, there was the potential for a major glitch. Everything worked out well; only the extras we asked for altered the final budget."

"AS A PART OF THIS PROJECT AND AT THE SCHOOLS REQUEST WE INTEGRATED THESE SEPARATE SYSTEMS SO THAT ALL AREA'S PAGES COULD BE MADE WHILE AT THE SAME TIME MAINTAIN THEIR ABILITY TO OPERATE INDEPENDENTLY."



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