

# “The training train has started”

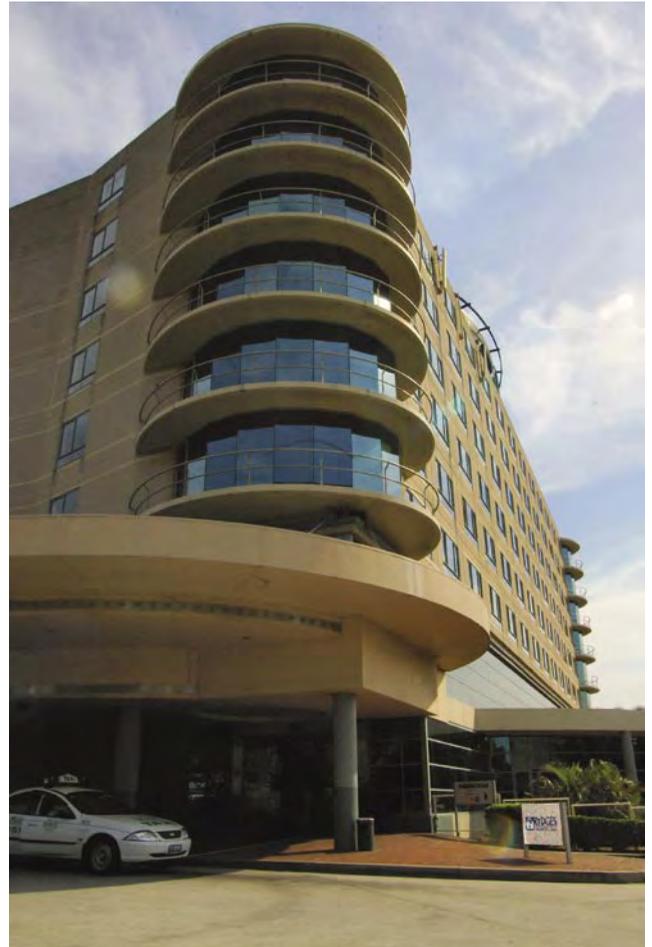
**CCTV training seminars: "Analogue, Digital & Networking in CCTV"**  
 by Vlado Damjanovski, *text and photos by George Sengul*

During the long and some times unbelievable hours that Vlado Damjanovski put towards his latest projects, the new and expanded edition of the (now best-selling) book "CCTV", we came to a discussion on the state of the CCTV industry and where is it heading. With the rapid advancement of technology it is very hard to keep up-to-date with the complexities of analogue CCTV, but now this is even harder with the introduction of digital compression techniques and networking. This is the main reason behind Vlado writing the new book "CCTV with digital and networking". The book will be officially launched at the ISC West show in Las Vegas on 6th-8th of April 2005.

However the book itself is not enough in educating the CCTV Industry. Even with the internet and the technology today, there is no replacement for face to face learning. This is where the idea on world-wide seminars kicked in. The CCTV seminars are a platform where Vlado can share with the audience not only his theoretical understanding, but also his extensive practical knowledge from working on some of the world's biggest CCTV projects.

He is not a stranger to training people. During the last 10 years he has trained more than 3000 technicians, consultants, installers and sales people. Furthermore he has been a speaker on numerous seminars, conferences and exhibitions. His passion for the industry and his desire to help is well known. The phone never stops ringing and his inbox is always full with messages from people who need help, advice or up to date news on various problems, products and solutions.

The proof to this is the enormous interest received about the seminars. People from all around the world are asking about them. The first seminar was held on 18th and 19th of November 2004 in the Rydges Hotel in Sydney, which marked the start in the world-wide tour. The two day event covers Analogue, Digital and Networking in CCTV, the turnout to the



event was great. The best part of it was the great mix of the attendees which contributed to the lively debate that often arose from the interesting questions asked by the participants. There were representatives from government, manufactures, distributors, installers and consultants, all with different background and different knowledge in CCTV ranging from basic to expert.

The first day started with an introduction of CCTV, then more about moving pictures and television. It was very fascinating to learn how television works and more on the different video standards around the world like PAL, NTSC and SECAM. Then followed an introduction to the

world of optics and it's use in CCTV. The day was wrapped with a session on CCD cameras, picture resolution and pixels.

The second day started with transmission of video signals through coaxial, twisted pair cable and fibre optics. It continued with video compressions and analysis of different video compressions JPEG, Wavelet, MPEG, H.261, H.263 and the new H.264. Then the focus went on storage, retrieval and transmission of digitally compressed images as well as digital pictures and analogue resolution. The second day was finished with a session on IP cameras, networking and switchers, bridges and routers.

There was a lot of information to be covered in two days. It is hard to cover over 500 pages of text and over 20 years of experience in just two days, but the presenter did a wonderful job and everybody in the room left with a better understanding of the analogue and digital CCTV concepts. These are just some of the comments to confirm this:

"In these two days I learned everything that Vlado has been telling me in the past few years while working together on different projects"- Tony Casusceli (VTS)

"Thank you-An excellent presentation. I learned a lot and this presentation filled in a lot of gaps"- Shane Cooper (Bluescope Steel).

During the breaks we had a chance to talk



between each other and to share our views and opinions. From talking to different people, one thing always came up: The need for training and development in the industry. There is nothing happening in that field apart from the occasional training course run by manufacturers for their distributors. Keeping up with the rapid changes is becoming an industry issue in itself, and whilst nothing can substitute for practical experience, the seminars will set down a firm foundation of CCTV knowledge that anybody in the industry can build on.

At the end I would like to use this opportunity to thank Lyndell, Lisa and rest of the team from Rydges Parramatta on their excellent work in hosting this event. Everything was perfectly organized and all the participants expressed their enormous satisfaction with the service and the facilities at the hotel.

Next Stop Melbourne, Australia, after that Germany, UK, Switzerland and the US. [•]

*George Sengul, CCTV focus marketing*

