



FOXTEL selects CopperTen™ for its new Sydney HQ

CASE STUDY

CHALLENGE

FOXTEL completed a major relocation from Pyrmont to North Ryde (Sydney) in August 2005. The existing network infrastructure needed to be integrated into the new building.

STRATEGY

CopperTen connections were used for the computer outlets which demanded high bandwidth. Category 6 was used for the other connections. Both of these are terminated in the comms room on a HighBand® Patch-by-Exception frame.

RESULTS

FOXTEL's Simon King was pleased to report that the performance of the solution is "Excellent...we have had flawless high performance well above the current requirements. We have not had a single cabling issue or complaint regarding connectivity."

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HighBand® frames in the Level 2 communications room.

FOXTEL is Australia's leading subscription television provider with more than 1.1 million Australian homes connected to the service. FOXTEL began a relocation of its Sydney-based premises in August, using ADC KRONE solutions for the updated network infrastructure.

FOXTEL's Corporate data and telephony services are delivered over IP and the majority of broadcast system have some component connected to IP networks so quality network infrastructure is critical. The services delivered across the converged network are diverse. The new site consists of four buildings, hence the flexibility and performance of the cabling solution was paramount.

The company commenced a major relocation from Pyrmont to North Ryde in August 2005. As a result, FOXTEL needed to integrate their existing network infrastructure into the new building and facilitate the expanding needs of the high-tech organisation.

The North Ryde site was designed with four

outlets running to each desk. The ADC KRONE solution consists of three Category 6 connections and one CopperTen™ connection. The computers are plugged into the CopperTen outlets as they require a large amount of bandwidth for graphic design and video streaming. In the comms room, Category 6 is terminated on Highband® 25 900-pair wall mount frames and CopperTen is terminated on CopperTen HighBand 20 720-pair frames. In addition, there are Category 6 and CopperTen system tails to the switches.

Simon King, network architect for FOXTEL explained the selection process for the new network. "The two deciding factors in selecting a solution were performance and suitability to our needs. Availability of product was crucial due to short business timelines. We needed a flexible solution since we have different uses for the horizontal cabling. The solution also needed to be as 'future-proof' as possible given the long-term intentions for the site," said King.

Rencom's Wayne Hill described the challenges of the installation. "The installation was unique in that we required a hybrid of existing horizontal cabling termination systems. Some services needed to be permanently wired, being ubiquitous across the site and managed via software. Other services are still managed by physical patching, being specialised or adhoc. The bandwidth requirements also vary across services and ADC KRONE's offerings allowed us to affordably provision for estimated future requirements," said Hill.

FOXTEL were pleased with the outcome, "ADC KRONE's frame termination meant we could meet both our termination needs consistently across the multiple buildings and



Workstation quad outlet featuring 1 CopperTen™ connection and three Category 6 connections.



Left to right: FOXTEL's Simon King and Andrew Heyes, Rencom's Wayne Hill.

effectively deliver more points within budget. The wall mounted frame solution saved a great deal of floor space, which was much needed. Hard wiring and rear facing PBE leads keep the frame neat and tidy," commented King.

Asked why Rencom selected an ADC KRONE solution, Hill remarked "I have only used KRONE products for some years now as I find the performance and quality of the product to be superior. I installed the Highband® 25 product on the FOXTEL project and I have long been a fan

of this solution as it yields very high test results and is extremely easy to install and it exceeded all expectations on the difficult FOXTEL installation," said Hill.

When asked how he felt about the performance of the solution, FOXTEL's Simon King was pleased to say, "Excellent. We have had flawless high performance well above the current requirements. It was fantastic to be able to relocate a large group of people and not have a single cabling issue or complaint regarding connectivity."

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KRONE



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