



FAREWELL RING BINDERS

Grazer offers a simple, innovative way of managing all the documentation associated with a major project like the Lyell McEwin Hospital redevelopment. Instead of old-fashioned ring binders containing the tens of thousands of pages of specifications, drawings, operational and maintenance manuals required, everything is digitised, resulting in a user-friendly DVD.

Inventor John Martin, a draftsman by trade, envisaged Grazer while working on vast piles of documentation for the lighting system at Hong Kong's Chek Lap Kok airport in 1997.

Back in Australia he worked with software engineer David Peters, who wrote the code for Grazer, originally in Delphi and now in CSharp. "Grazer is very intuitive to use," explained Martin. "It uses the infrastructure drawings as a visual index to operation and maintenance. It has made all that paper obsolete. With this system, things like drawings can't go missing over time, and there is a saving of between 350-500 kg of CO2 emissions per project."

For the Lyell McEwin Hospital redevelopment, Grazer holds all the documentation for architecture, electricity, fire systems, hydraulics, IT infrastructure, lifts, mechanical services, medical gases, vacuum tubes, specimen handling, pneumatics and the linear accelerator. It will be updatable for the life of the development, with provision to add in test

results for various systems, maintenance and repair notes. No special equipment is required by users, just a regular PC with Flash or even a DVD player.

Currently the company, which has a staff of six and branches in Adelaide and Melbourne, is also completing documentation for the Defence SA CUF, Techport Australia and the Australand Pavilions at St Leonards NSW, amongst others.

Recently a new version, GEM, suitable for smaller projects such as homes has been developed. "GEM is for the average builder who otherwise still has to work with four ring binders," said Martin.

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