

CASE STUDY / DEFENCE SCIENCE TECHNOLOGY ORGANISATION /



FAST FACTS /

- / As the work is for the Department of Defence all installations are classified to 'secret' level
- / Staged handover means no reworking - has to be right the first time
- / 25 km of optic fibre installed to defence standards
- / Flexibility to accommodate progressive specification development



CLIENT /

Hooker Cockram for the Department of Defence

DESCRIPTION /

Communications infrastructure for existing building refurbishment and new building construction at the Fishermen's Bend site

TIMELINE /

February 2006 – May 2007

LOCATION /

Fishermen's Bend, Melbourne Victoria

CONTRACT VALUE /

\$1.8 million

This job for the Department of Defence required a staged handover of buildings. Thus, building feeds running through common underground pathways needed to be fully operational for handover whilst other new buildings were still under construction.

To facilitate this, 100% testing and verification of all installed cables, terminations and labeling was checked and documented prior to each staged handover. This method is a 'fool proof' way of getting everything right the first time.

From day one, to ensure quality, every element of the project was subjected to a rigorous system of inspection, test plans and job safety analysis. This meant that from the first bolt to the last cable fitted off the project was completed to PSG Elecraft's high standard of quality. It also required the on-site foreman and supervisors who established the system to 'live the project' right from the start.

The level of documentation contained in the 'as built' drawings was greater than any previous communications project undertaken by us. Even the cable ties were individually numbered.

The adoption of strict control of all electronic and paper-based documentation was adopted and implemented ensuring the security of all information relating to the site.

The complexity and diversity of this project provides an insight in to what's required for other similar projects. Though challenging at times, this project has provided an opportunity for PSG Elecraft to excel in all areas including design, implementation, installation and completion.