

Case Study:  
Creating a Home Office.

***Background:***

One of my clients approached me with a view to kitting out an office he was creating at the end of his garden. The new building was being constructed some 50m from his house and he wanted to provision it with full network capabilities. I arranged to meet with his builders and we formulated a scope of works.

***Scope of works:***

- To provide a link between the main house and the office
- To provide 12 certified network connections
- To provide all the necessary infrastructure
- To provide and install a burglar alarm system

***Delivery:***

In order to link the house to the new structure we provided two Ethernet links encased in solvent welded pipes between the existing incoming broadband service and the new building. The pipes were buried below ground with his services.



The pipes are solvent welded and watertight, running to the front of the house.

We then flood wired the walls in accordance with the network point locations and provisioned the location for the local racking to house the hubs and termination strip.



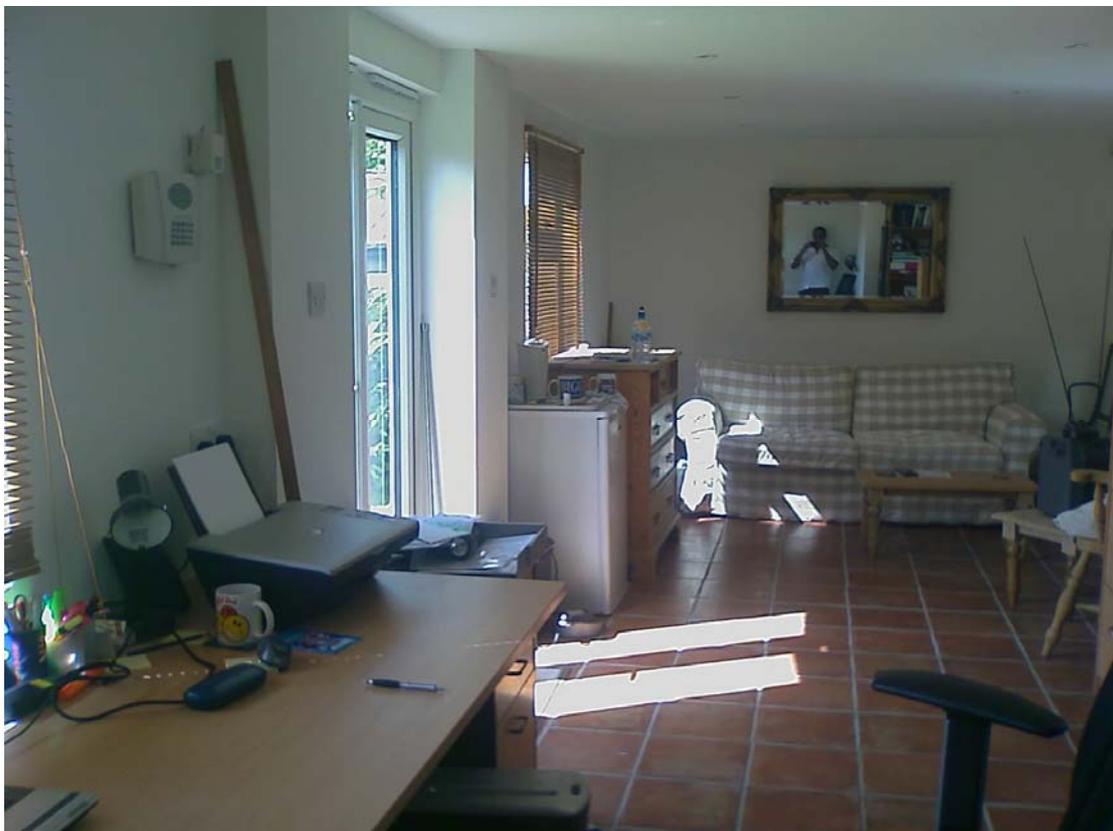
The builders then finished the walls with thermaboard to a depth of 27mm and we returned to complete the final fit. The network boxes were fitted to the walls and the IDC inserts wired up and tested.

We fitted a rack unit with a Netgear 16 port Ethernet switch and a NTU strip to terminate all wiring. We then bridged the connections making all the ports live, deploying the printer.



All connections were tested and certified to CAT5E standards and the link circuit to the house was completed. The alarm unit was fitted and tested with end user training given.

My client has completed his furniture fit out and operates his successful consultancy business from here.



[www.agamaconsulting.co.uk](http://www.agamaconsulting.co.uk)