

CASE STUDY: VPN ACCESS

As businesses grow and develop, so does their infrastructure and most businesses at some time will require a flexible solution allowing them to expand their corporate network infrastructure. Cost effective DSL high speed networks have allowed businesses to adapt the way in which they implement wide area networks and the use of an enterprise class firewall and VPN solution enables companies to build complex network infrastructures with a relatively low associated cost.

ABC Networking Ltd has designed and implemented some extremely complex and secure virtual private network solutions for our customers enabling them to create wide area network connectivity to remote offices and tele-workers.

CUSTOMER: FAIRCLOUGH HOMES

Fairclough Homes is a construction company specialising in the building of new domestic housing.

One of the challenges faced by Fairclough Homes was to provide secure connectivity from remote offices and site offices to the corporate network and to extend this to key workers enabling them to access the corporate network whilst away from the office.

ABC Networking Ltd developed a VPN (virtual private network) solution using a Nokia Checkpoint NG Enterprise class firewall and VPN server. We also used DrayTek Vigor DSL routers with VPN at the remote office locations. We implemented secure VPN tunnels using IPSec III Des encryption and ensured that the VPN was from the edge of the network protecting all clients behind the firewall. A split tunnel design was used to reduce the overhead of traffic on the VPN. All internet bound traffic from remote sites and site offices was directed out using the local internet connection whilst all corporate network access went via the encrypted VPN tunnel.

The solution was so cost effective that it was used for all remote workers as well as offices.

FEEDBACK

"ABC Networking Ltd implemented a flexible, secure easy to use and easy to support VPN solution with no disruption to the corporate network.

The VPN WAN has enabled Fairclough Homes to provide our remote sites with access to the network which enables us all to work from the same data that is stored centrally in our head office. It has also made it easier for Fairclough Homes to commission a new office for our accounts and legal teams.

ABC Networking Ltd is our first choice for our IT solutions provider and I thoroughly recommend them"

Jason Cooper
IT Manager
Fairclough Homes Ltd

IN BRIEF

Customer:

Fairclough Homes
www.faircloughhomes.co.uk

Challenge:

To provide the company remote offices with access to their corporate network and also to allow key workers remote access to the corporate network when they were away from the office.

What we did:

We implemented a VPN solution using IPSec III Des encryption with an enterprise class firewall and VPN solution. We used DSL VPN routers and created a complex WAN infrastructure that was cost effective and easy to support

Benefits:

- Key workers were more productive by accessing the corporate network outside core hours
- Remote sites were able to access corporate data hosted centrally
- Easy to modify and extend the VPN infrastructure
- Secure access to the corporate network using cost effective DSL connections



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ONE PHONE CALL TAKES ALL THE PAIN AWAY



WHAT OUR CUSTOMERS SAY

"ABC Networking Ltd has implemented an outstanding mobile worker solution for us allowing our staff to be more productive."

