

# Case Study



## Bradford and Airedale PCT deploy a Remote Access Solution.

**"We have every confidence in ANS Group's work and look forward to working with them in the future."**

**Martin Powis, IT Manager, Bradford & Airedale PCT**

### Company Background

Bradford & Airedale Teaching Primary Care Trust (BAAtPCT) was formed on October 1st 2006 as a merger of four former PCTs: Airedale PCT, Bradford City Teaching PCT, Bradford South & West PCT and North Bradford PCT.

BAAtPCT is committed to building upon the strengths of these former organisations to ensure that they continues to use embedded mainstream processes for assurance, governance and risk management, and has adopted this approach in its assessment of compliance against the core standards.

### The Challenge

The trust had requirements for a secure remote access service for Webmail, Microsoft Content Management Server and LAN-to-LAN connectivity without the requirement for "Strong Authentication", as some of the systems offered are for public access. All communications needed to be performed using public Internet services and communication mediums, such as; 3G, GPRS and xDSL.

### The Solution

A tiered remote access solution comprising of four core components allowing access from the internet using either of the above mentioned communication technologies. The solution is based on a number of "best of breed" vendor technologies:

- Cisco Firewall Router
- Cisco PIX Firewall
- Cisco VPN Concentrator
- VASCO Token Authentication Services
- ISS RealSecure Intrusion Prevention System
- Verisign Certificate Services



**Business Challenges... Technology Solutions**

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### The Solution continued...

Bradford and Airedale PCT is using the service to reverse proxy HTTPS connections through to Microsoft Outlook Web Access and allow full browser access to the Content Management Service over HTTP. The Intrusion Prevention component ensures that traffic flowing through the core service is not embedding "illegal" packets.

### Business Benefits

The solution provided allows for a more advanced, flexible remote access solution scalable to more than 10,000 concurrent tunnel connections. It also allows for multiple methods of access:

- Clientless VPN Connectivity
- LAN-to-LAN VPN Connectivity
- HTTP and HTTPS Reverse Proxy
- SSL VPN Connections
- Client-based VPN (IPSec, PPTP, L2TP etc...)

The next step for the remote access solution is to incorporate new technologies such as Cisco Security Agent (CSA) for remote PC's and Network Admission Control (NAC) for automating the check of remote PC's for Security and Virus scans using layer three routers and Cisco Trust Agents.



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