breathetechnology

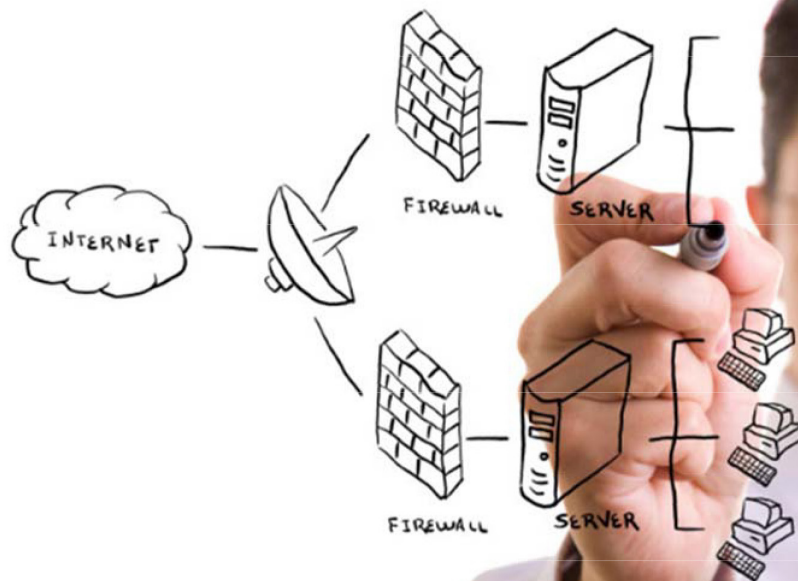systems integration | support | security

Network Health Check / Audit Services

What is a Network Health Check or Audit?

The Breathe Technology Network Health Check Service provides an evaluation of your network focusing on elements such as Topology, Security, Reliability, Disaster Recovery, Licensing and running cost.

A health check performed by a qualified third party can capture information that in-house staff do not have the time, resource, experience or equipment to check. We are unbiased and have a strong understanding of how to design, build and support networks.

If you are already outsourcing your IT and question the current status of your network, it may be the ideal opportunity to get an unbiased view.

We can assist with short term goals such as consolidation, security or reducing cost. We are also able to assist with longer term goals while providing a more strategic perspective.

What are the benefits of a network health check?

- Visibility of your network design in a simple to understand format and documenting the architecture
- Information on performance and current issues
- Checking the stability, efficiency and redundancy of your network and server setup
- Highlighting any issues with the current network architecture and identifying areas for improvement
- Implementing the right steps in making changes to your network infrastructure
- Getting an unbiased view and analysis of your network
- Optimising your security and possible compliance
- Review of your backup and disaster recovery strategy
- Reviewing future plans and how they may impact your network

Why choose Breathe Technology?

Trust – Prior to an audit Breathe Technology sign a non-disclosure agreement to maintain utmost confidentiality

Confidentiality – of customer data at all times

Qualified – We are an experienced Systems Integrator and Security specialist

References – We have a track record from Corporate to Public Sector and Education

Compliance – We can assist with compliance related audits and provide solutions to achieve compliance

Transparency – Our aim is not to blind you with science, but to provide you with an easy to understand report and friendly customer orientated service

Product Knowledge – We work with many of the world's leading Network Vendors and understand these solutions

Industry Qualified – Multi-skilled consultants - i.e. CCNA, CISP, CSSA, MSCE, CITP (Chartered Status)

Specialised Services – Our consultants are experienced in design, configuration and installation of LAN, WAN, VOIP, Network Security and wireless projects

Nationwide Coverage – With a base in Cambridge and London

Fair Pricing – We follow a 'best value strategy' and support public sector and Education Pricing models

Flexibility – To meet customer's specific requirements, timescales and budgets

Description of a Network Health Check

Phase 1:

Planning the audit, identifying business goals and defining the areas to be covered.

A professional network audit begins with identifying your objectives for the network health check. Depending upon your requirements we can investigate a specific issue or we can conduct a more comprehensive network audit. Audits are all slightly different depending on your goals and infrastructure.

- External Audit

- Perimeter network design

- Accessible services and applications

- Publicly accessible information

- Internal Audit

- Discussion around functionality, issues, reliability, current and long term goals

- Network Topology Survey

- System services identification

- Privacy review

- Routing and core networking

- Internal systems testing

- Access control testing

- Physical security review

- Wireless Network Audit (This section should be discussed to define level of detail)

- Gather background information

- Arrange on site fieldwork

Phase 2:

Conducting fieldwork, obtaining a physical and network overview and creating network diagrams.

Our consultant will be onsite to undertake fieldwork and complete the checklist, diagrams and to test your network.

Unless specifically agreed, no software will be installed or disruption caused!

We will run test measurements of network devices, applications running on LAN, WLAN; analysing connectivity and security level.

Phase 3:

The goal of the Audit is to provide you with a report that highlights areas of concern or general improvements.

Following the network analysis stage, we will provide a comprehensive report on our findings. This will be coupled with recommendations for improving your current infrastructure or planning for future growth or new implementation, depending on the initial goals identified.

Phase 4:

On completion of the Audit, breathe Technology can be available for a follow up meeting to discuss the outcome of the audit and possible solutions.

We are in a position to assist with any fault resolution or improvements that may be required.

Please contact us if you would like any additional information or if you would like to discuss your requirements.

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Systems Audit / Review

STEP 1 — Initial Customer Engageent
▶ Discuss customer requirements
▶ Define goal of the audit
▶ Audit proposal
▶ Comfirm sales

STEP 2 — Information Gathering
▶ Snr Technical Consultant attends site
▶ Discussions with relevant staff
▶ Documentation reviewed
▶ Physical systems review (requires admin access and may require the use of software)

STEP 3 — Analysis & Report Writing
▶ Consultant to review notes and system results
▶ Document finding in a comprehensive report
▶ Provide a summary of most critical issues
▶ Provide possible solutions

STEP 4 — Post Audit Review
▶ Meeting at Breathe or customer site to discuss the findings of the audit
▶ Discuss next steps, if relevant

Breathe Systems Audit / Review

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