



an adept4 infrastructure service

# Network Audit

## Key Benefits

- Cover all aspects of your IT infrastructure
- Get a clear understanding of network performance
- Comprehensive report and documentation
- Undertaken by highly experienced consultants
- ITIL Methodology and best practice methods
- Impartial suggestions for future system development

## The Challenge

- Are you experiencing issues with poor network performance?
- Can you guarantee service delivery from your Network?
- What is the optimal configuration for your network?
- How much would network downtime cost your business?

Your business relies on your computers and their supporting network to function properly, probably 24/7. When a network has grown organically, it may not be configured correctly for optimum performance, leading to a greater risk of network failure, which directly impacts your business.

Due to the fast pace of change in the IT environment and the demands placed on support staff, many organisations can all too quickly find themselves losing a clear picture of the environment they support. Decisions can be made without a full understanding of the "big picture". Immediate operational requirements can cause organisations to lose sight of the direction in which the network environment is progressing.

## The Solution

The adept4 Network Audit service offering can hand back the control to support operations by giving a clear picture of the environments that they support. A thorough audit of your IT infrastructure can be vital in pinpointing problem areas and identifying opportunities for improvement.

### What's important for your business?

Our starting point is always to understand your business processes, as it is vitally important to understand what you need from your network before we log onto a single server or router. We ask about applications, servers, storage and remote users.

adept4's experienced consultants will spend time detailing every aspect of your environment from the physical infrastructure and cabling, through to network traffic analysis and trending. An adept4 Network Audit, coupled with its documentation service, delivers a clear and accurate understanding of an organisation's network enabling dynamic support of the business.



## Network Audit

Depending on the complexity of the infrastructure the audit will encompass the following activities:-

- Staff interview & review
  - Business alignment to IT services audit
  - Network device discovery
  - Server disk audit
  - Server disk usage
  - Server data usage and hierarchy review
  - Server errors, patch level
  - Server OS review
  - Server configuration
  - Email mailboxes and usage
  - Users, permissions, securities
  - User validity review/audit
  - Security analysis (actual data permission hierarchy)
  - Application discovery
  - External perimeter vulnerability scan
  - Internet penetration test
  - Network Cabling review
  - WAN audit and capacity review
  - Anti virus capability review
  - Workstation and domain review
  - Password policy review
  - Acceptable Usage Policy review
  - Remote user capability review
- Remote user data security review
  - DR review
  - IT helpdesk capability review
  - ITIL compliance review practice (review to ITIL standards)
  - Identification of device level Single Point of Failure (SPOF)

### Documentation

A clear and concise documentation set is produced detailing the entire network infrastructure and recommendations of the adept4 audit team based on best working practices. This gives the client a valuable information base to enhance the support of its business and build the foundations for a resilient infrastructure. Based on this information adept4 can advise on a change management strategy to update, apply, and develop the information base.

### Conclusion

The adept4 Network Audit will provide your organisation with vital information that can form the cornerstone of the future development of the IT infrastructure. Can you afford not to have such information?

“support your infrastructure”