



Consultancy Services – LAN Audit

BT's Convergent Solutions practice specialises in the integration of multiple communications services such as voice, video and a wide variety of data types and applications onto a single IP communications network.

Each of these services and applications may require particular handling to ensure that the ultimate benefits of convergence are realised: reduced costs, rationalisation of equipment, flexibility of operation and improved efficiency and collaboration.

BT has assembled a wide range of convergent solutions including IPT, CRM and Intelligent Application-aware and Optimised Wide Area Networking. In addition to these, BT's expert Consultancy Team enables customers to maximise the benefits of embracing these new convergent solutions.

What is a LAN Audit?

A LAN Audit is an infrastructure audit of a customer's LAN which provides information to the customer on the health of their LAN and recommendations to improve the performance of their LAN.

There are several LAN Audit Service options:

- LAN Audit
- LAN Performance Healthcheck
- LAN Data Assessment and Report for 1-10 Fixed-Configuration Network Devices
- LAN Data Assessment and Report for 1-32 Fixed- or Modular-Configuration Network Devices

The **LAN Audit** addresses ad-hoc or specialist requirements not covered by the other services below.

The **LAN Performance Healthcheck** is designed for customers experiencing a specific LAN performance issue or who need to check the performance of the LAN before making changes.

The **LAN Data Assessment** checks the current status of your LAN, providing a detailed audit and assessment of your LAN. Network Performance Monitoring is included. The service covers a single site.

Your account manager can provide more details as required.

What kind of companies would benefit?

- Anyone interested in LAN optimisation
- Anyone interested in up-to-date technologies
- Companies with limited IT staff
- Companies with rapidly expanding networks

What is involved?

The activities for each of our audit services vary, but for all services, one of our highly-qualified engineers will come to your premises and carry out the following activities:

- Inventory audit
- Network Baseline – This is the design of a data-collection scheme using LAN monitoring devices "sniffers" to analyse the customer's network performance
- Topology Assessment

Why should I have a LAN Audit?

- Reduced business interruptions by deployment of best-practice LAN methodology based on proven quality designs
- Faster resolution of problems, freeing up staff to engage in more strategic projects
- Maximise the return on investment (RoI) by fine-tuning solutions to your precise needs
- Gain peace of mind with BT's impressive track record
- Benefit from the high level of certified technical expertise within BT

Benefits at a Glance

- Documented LAN Topology
- Analysed LAN Performance
- Recommendations for improvement
- Customised report
- On-site visit to present and explain the report and its findings

Key Benefits

- Awareness of your existing LAN infrastructure, topology and configuration
- Knowledge aiding informed decision making
- Recommendations to improve your LAN's performance and hence your company's efficiency and effectiveness

Features

Tools

BT engineers will use effective hardware and software testers as required by the audit to provide you with an accurate analysis of your LAN.

Report

BT engineers will produce an easy-to-understand report which will outline the tests performed, results, explanation of the results and any resulting recommendations.

How long does a LAN Audit take?

As a guideline, LAN Audit Services plus report production and presentation take:

LAN Audit: 3 days

LAN Performance Healthcheck: 4 days

LAN Data Assessment (1-10 devices): 3 days

LAN Data Assessment (1-32 devices): 4 days

These timescales cover time onsite and time to produce your report and prepare the presentation.

As part of the audit, the engineer may need to leave a laptop onsite for a period of time to collect the performance monitoring data.

What will I receive after the audit?

- A customised report including recommendations for any required changes/improvements
- A list of any time-sensitive applications
- Details of any LAN protocols used
- A Customer LAN Topology Report with recommendations
- Test results specific to the type of audit requested
- In addition to providing the report, we'll arrange for one of our engineers to visit your premises and present and explain the results.

How do I order a LAN Audit?

Please contact your account manager or visit www.btireland.ie

Why BT?

BT's extensive services and expertise are supported by two decades of world class experience, serving the needs of global customers across many different markets. BT designs, develops and manages IT network, infrastructure and services for organisations around the world. We help them address their challenges and make optimal use of the opportunities afforded by the digital networked economy.

What differentiates BT in this marketplace is not just our size, reach and network assets, but our unique insight into how networked IT services can be used to address strategic and operational requirements on a global scale, but also our local, helpful Service Desk and flexible approach to meeting customer needs.