



## Consultancy Services – WAN 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 WAN Audit?

A WAN (Wide Area Network) Audit is an infrastructure audit of a customer's WAN which provides information to the customer on the health and performance of their WAN and recommendations to improve the performance of their WAN.

Your account manager can provide a detailed list of the tests performed and components assessed.

### Why should I have a WAN Audit?

- Reduced business interruptions by deployment of best practice WAN 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

### What kind of companies would benefit?

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

### Key Benefits

- Gain awareness of your existing WAN infrastructure, topology and configuration
- Acquire knowledge aiding informed decision making
- Consider recommendations to improve your WAN's performance and hence your company's efficiency and effectiveness

### Benefits at a Glance

- Documented WAN topology
- Analysed WAN performance
- Recommendations for improvement
- Documented security weaknesses
- Communications fraud assessment
- On-site visit to present and explain the report and its findings

### What is involved?

One of our highly-qualified engineers will come to your premises and carry out the following activities:

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

## What will I receive after the audit?

- Information on your WAN configuration
- Traffic analysis
- A hardware inventory list
- Identification of any 'End-of-Life' / 'End-of-Sale' Cisco equipment
- Recommendations for software and hardware upgrades
- Details of WAN Quality of Service (QoS) performance and policies
- QoS Mapping
- Details of backup network performance (dependent on configuration of backup)
- A Customer WAN Report with recommendations

In addition to providing the report, we will arrange for one of our engineers to visit your premises and present and explain the results.

## How long does a WAN Audit take?

The duration of a WAN Audit depends on the number of sites and devices involved.

This timescale that BT quotes will cover time onsite and time to produce your report.

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

## How do I order a WAN Audit?

Please contact your account manager or visit our website:

[www.btireland.ie](http://www.btireland.ie)

## 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 WAN.

### Report

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

### Follow-on

Depending on the results contained in the report, your account manager may recommend further complimentary ad hoc services, such as:

- Network Integrity Testing
- Bandwidth Management Service
- Pre-project Network Planning

## 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.

For more information please contact your account manager or visit [www.btireland.ie](http://www.btireland.ie)