



Consultancy Services – IPT Readiness Audit

BT's Convergent Solutions practice specialises in the integration of multiple communications services like 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 an IPT Audit?

An IP Telephony (IPT) Readiness Audit is an infrastructure audit of a customer's LAN and WAN to assess its readiness for moving away from a traditional voice network towards a convergent solution where voice calls are carried over a data network. The audit will cover which type of IP Telephony equipment could be deployed.

IPT Audit Services feature several options:

- LAN Voice Readiness Assessment and Report for 1-10 Fixed-Configuration Network Devices
- LAN Voice Readiness Assessment and Report for 1-32 Fixed- or Modular-Configuration Network Devices
- IPT Readiness Audit

The **LAN Voice Assessment** checks an existing premises' voice network and LAN to establish its suitability to support IP Telephony services, concentrating on the existing PBX. It involves a detailed audit and assessment of the LAN including Network Performance Monitoring. The service covers a single site.

The **IPT Readiness Audit** addresses a customer's existing LAN and WAN network infrastructure to determine whether it is suitable for carrying IP Voice traffic and whether it is capable of migration to IPT.

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

Key Benefits

- Awareness of your existing LAN infrastructure, topology and configuration
- Awareness of the steps needed to implement IPT technologies
- Knowledge aiding informed decision making

Benefits at a Glance

- Documented LAN topology
- Analysed LAN performance
- Details of the changes required to implement IPT in your workplace

What is involved?

One of our highly-qualified engineers will come to your premises. The activities they will perform include:

LAN Inventory Audit: to include checking of operating software levels, whether Quality of Service (QoS) is enabled, VLAN capabilities, in-line power support (power over Ethernet) and cabling.

PBX Audit: to determine make, model, software version, trunk capacity, extension capacity and whether it can be IP-enabled.

WAN Audit: to include router hardware and software details, network type, application information, details of any time-sensitive applications.

Why should I have an IPT Audit?

- Maximise your Return on Investment (RoI) by fine-tuning your infrastructure to your precise needs
- Gain information and understanding about how IPT technology can help you meet your business objectives
- Gain peace of mind with BT's impressive track record
- Benefit from the high level of certified technical expertise within BT

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 will arrange for one of our engineers to visit your premises and present and explain the results.

How long does an IPT Audit take?

As a guideline, IPT Audit Services take:

LAN Voice Assessment (1-10 fixed configuration devices): 2 days

LAN Voice Assessment (1-32 fixed or modular configuration devices): 3 days

IPT Readiness Audit: 4 or 6 days

These timescales 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 the performance monitoring data.

As an added feature, our engineer will visit your premises to present the report to you and explain the findings within.

What kind of companies would benefit?

- Anyone interested in IPT network optimisation/deployment
- Anyone interested in up-to-date technologies
- Companies with limited IT staff
- Companies with rapidly expanding networks

Features

Tools

BT engineers will use effective hardware and/or software testers to provide you with an accurate analysis of your LAN, WAN and PBX.

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.

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

How do I order an IPT Audit?

Please contact your account manager or visit our website: www.btireland.ie