

Introduction to Networks for Healthcare Staff

1 day

Overview

This course aims to teach delegates how networks (LANs and WANs) are built and to enable the understanding of the role, function and operation of various network devices and components, with focus on IG and data security.

Who should attend?

Radiology IT support staff, PACS/Radiology IT Managers or any person who needs knowledge of the features, strengths and limitations of the various LAN/WAN technologies available related to healthcare, but focusing on Radiology.

Prerequisites

None.

Objectives

- Identify the essential components needed for a network and its construction
- Compare the operation of different major network architectures
- Distinguish between Hubs, Bridges, Switches, and Routers and know when to use them
- Configure protocols on their computer
- Use simple utilities to troubleshoot common LAN problems
- Recognise and analyse possible security threat or IG risks

Specific requirements

We understand that you may have specific requirements such as:

- Delivery of the course to a specific audience
- Tailoring of the course content
- Delivery of the course at a particular location
- Analysis of the training needs of your staff

Ideal Training wants you to be entirely satisfied with the services we offer and so we are always happy to discuss your needs in detail and to propose solutions.

Course content

- Definition of Major LAN types
- LAN Components
- Network Operating Systems and protocols
- Standard LAN architectures (e.g. Ethernet, LANS, vLANS)
- LAN Protocol configuration
- Network Connectivity devices (Hubs, Switches and Routers)
- Router-based networks
- Features of WAN technologies (NAT, DHCP)
- Basic Network troubleshooting
- Network Security - Firewalls
- Future trends in the Networking Environment

For further information please contact the Ideal team on 01483 453508

